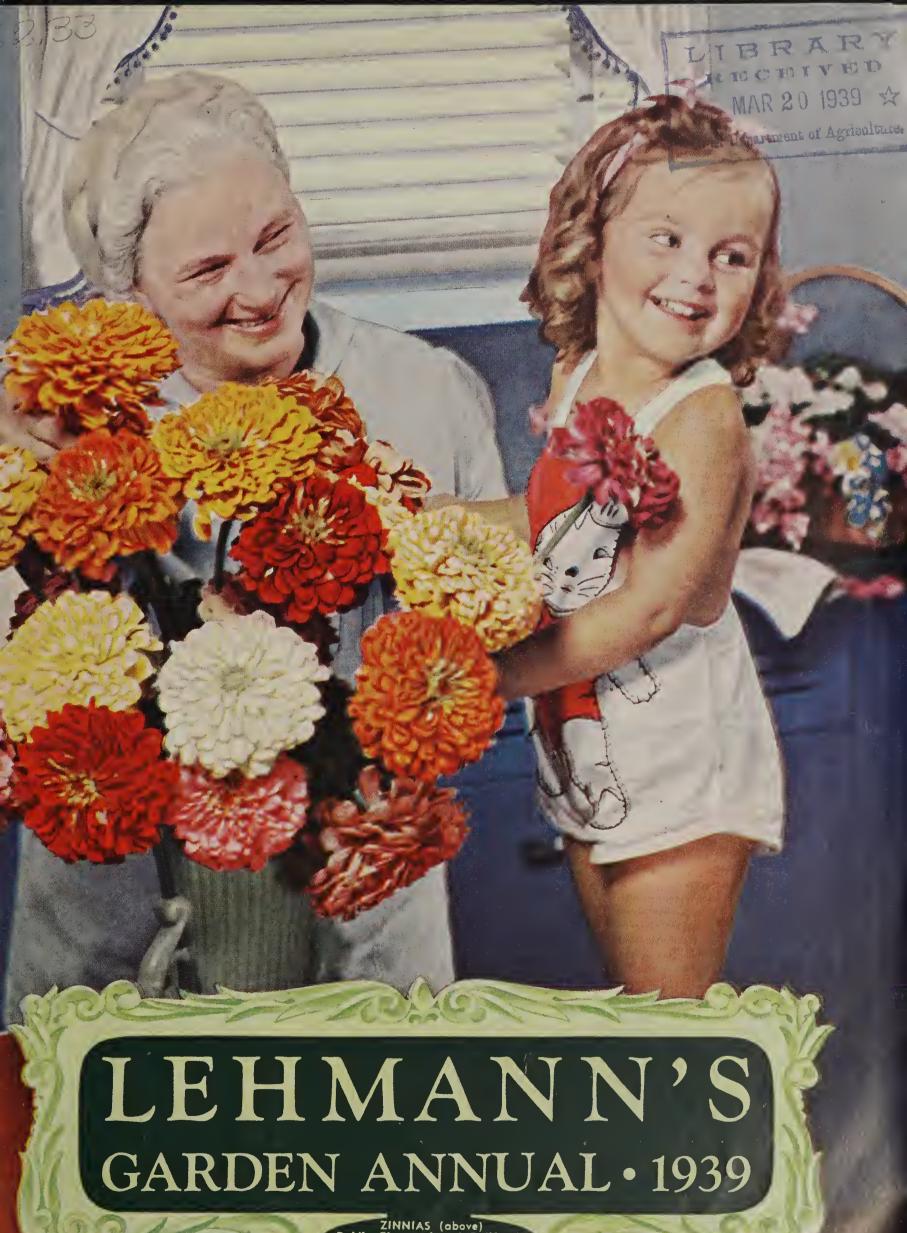
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Do not assume content reflects current scientific knowledge, policies, or practices.





ZINNIAS (above)

Dahlia Flowered and California

Giant, Largest of all Zinnias. Wide

range of bright and pastel shades.

Each, Packet, 10c. (See Page 18)



We offer anly those seeds that are truly suited to this territory.

BERMUDA GRASS—The most dependable and permanent grass for lawns, galf courses and athletic fields. Lasts for years, and stands long, hot summers without injury.

**RED TOP**—Stands wet weather and averflowing for even two to three weeks. Will hold well during the summer if cut aften.

**CARPET** GRASS—Remarkable for its ability to thrive in paor, sandy soil. A spreading perennial, farming a close, compact turf.

**HULLED BERMUDA GRASS** — Germinates more rapidly than unhulled seed. With soil and moisture right, germinates as quickly as Rye grass.

RYE GRASS FOR WINTER—Fine winter lawn grass. Adaptable almost everywhere.

ITALIAN RYE—Annual, rapid-growing grass. Invaluable for winter lawns. Produces within three weeks or less.

KENTUCKY BLUE GRASS—Ideal lawn grass. Plants slightly creeping with deep green narrow leaf blades. Should, however, be planted only where it has been proved. Cansult us about its use.

#### For Shady Spots

Wherever shade makes it difficult far you to abtain a gaad lawn, our special shade mixture is heartily recammended. We have chasen excellent quality, shade-enduring grasses and clavers . . . and blended them into a mixture that will give you surprising results.



#### For Sunny Lots

We affer you a fine mixture of sturdy, hardy grasses that thrive in lacations exposed to the blazing sun. Because weed control is more difficult in sunny places, our special mixture contains vigorous grasses that will starve weeds out and help give you the weed-free lawn you desire.



#### For Special Uses

We have just the right grass seed far every special purpase. We can give you special deep-raated grasses far the slaping lawn . . . the ideal grasses far planting an galf caurses, parks, estates ar cemeteries . . . ar far any other special use. Just tell us what you want.

#### HINTS ON LAWN CARE

ta make grass grow vigarously and thus crowd out and starve weeds. Never use lime unless actual test shows the lawn soil to be too acid for grass. If there is any doubt as ta the food needs of the soil, consult us about it.

SOWING THE SEED—If the soil has been ralled or is packed hard by rains, ga over it again with the steel rake before sowing. The easiest way to sow seed on small lawns is ta broadcast it, preferably in the morning of a still day. Saw plenty af seed, at least 3 pounds to each 100 square feet. After sowing, rake in gently, then roll the ground lightly to pack it down.

#### LAWNS LIKE PLENTY OF HUMUS.

So do not remave short grass clippings but let them lie to decomposure. Rotted grass clippings are Nature's best humus. Discard your grass catcher. Run the lawn mower east and west the first week and sweep with a Brume-Rake north and south. Next week, cut narth and south and sweep east and west. This sweeping will remove the long clippings which might scald the lawn if left where they fall but, even more important, will work the fine clippings down to the roots where they will form a maisture-conserving mulch and later, when rotted, the finest possible humus.

PEAT MOSS VALUABLE—A mulch af sifted or weathered peat moss is also helpful if applied in the spring, but even more effective in the fall. It supplies humus, a mulch, and is also slightly acid. When you mow the grass, mow high and mow often. This is much better than mowing close and less frequently.

KEEP THE GRASS LINE NEAT AND STRAIGHT—Nothing is more important to the well-kept appearance of the lawn than a neat, straight grass line. A good turf edger will spare you considerable time and effort in trimming edges.

FIGHT WEEDS—There just isn't any place in a well-kept, healthy lawn for weeds. Hawever, they do appear, and the good gardener is constantly watching for them. Always rid your lawn of weeds befare they go to seed. If you get on the job right after a heavy rain, many weeds can be pulled out by the hands with the roots intact. At other times, a good modern weeder should be used diligently.

#### GETTING RID OF DANDELIONS-

After digging them out, press down on the spot with your foot to clase up the hole. Then sprinkle a little white clover seed on the area weeded. It is a good weed choker.



Just as one good neighbor to another . . . we're interested in your garden.

Of course, it's our business to be. But we do want you to remember one thing about us. As your neighbors, we have a pretty close insight into your garden needs and preferences. We take them more seriously and personally than any "far-away" seed house can.

Because of our long acquaintance with the needs of this section . . . the soil . . . the weather . . . the growing habits . . . we can supply everything you need to make your garden a success.

Whether you're an amateur . . . or an experienced market gardener . . . you'll benefit by a careful reading of this catalog. In these pages, or in our store, you'll find the answer to your every gardening need. Seeds in ample variety—garden supplies of all kinds.

If you don't find what you want—we'll get it for you. Promptly, and gladly.

We are enclosing an order blank for your convenience in placing your first order for the coming season. Of course, we'll be expecting to see you at our store, too. Either way, your wants will always be taken care of.

We'll be here the year round, ready to serve.

# CONVENIENT WAYS TO BUY HERE!

You can shop at our store-or order by mail -whichever you prefer!



# Newest!

Selected by the official All-America Committee as the outstanding new developments.

IPOMEA, (Morning Glory) Scarlet O'Hara—Garden enthusiasts have long awaited this unusual new Morning Glory—a 1939 All-America Gold Medal Winner that promises to reign as a favorite this season, and for many to come. The flower is rich, wine-red, or deep rosy crimson—an entirely new color. Blossoms are about 4 inches in diameter, and are freely produced on fast growing vines. Packet, 25c.

SCABIOSA, Blue Moon—Strikingly different fram any other Scabiosa. The completely double flowers are large and deep, resembling an old fashioned beehive in shape. Rich, deep lavender blue—a most unusual shade. Upright, tall plants, 42 to 48 inches high. Strong, wiry stems hold the blossoms erect, and make this gorgeous flower ideal for cutting. Retains color indoors. 1939 All-America. Packet, 25c.

ZINNIA, Navajo Mixed—This bi-colored, gaillardia flowered Zinnia is today's favorite among the newer varieties. Medium-sized flowers in a wonderful range of colors are unsurpassed for cutting. 21/2 to 3 fact plants, free blooming. 1938 All-America Selection. Packet, 15c.

ZINNIA, Star Dust—Clear, golden yellow, Fantasy Type, whase charming shaggy-petaled blossoms lend informality and calar to the garden. Good length on free-blooming plants. Award of Merit 1937 All-America Selections. Packet, 15c.

CORNFLOWER, Jubilee Gem — Tidy, compact plant, covered with double, rich cornflower-blue blossoms. Splendid for edging, borders, or cutting. Developed in England, and received the All-America Award in 1937. Packet, 15c.

MARIGOLD, Crown of Gold—Chrysan-themum-flowered, odorless Marigold—an All-America Gold Medal Winner in 1937 that is still winning hearty approval. Short, quilled center petals, collared with flat deep orange guard petals. Plant is branching,  $2\frac{1}{2}$  to 3 feet tall, flowers in mid-season. Packet, 15c.

MARIGOLD, Dwarf Royal Scot—Rich, mahagany red, rather flat flowers with gold stripes. Plants are uniformly dwarf, bushy, and produce continuous, rather early bloom. Packet, 15c.

HOLLYHOCK, Indian Spring (A)—A new type of this stately old favorite garden flower that is attracting much attention. Semi-double and double fringed flowers in shades of pink, bloom on 4 to 5 foot plants within 5 months after planting seeds. 1939 All-America Selections Silver Medal Award. Packet, 25c.

PHLOX DRUMMONDI, Salmon Glory—A worthy novelty awarded a Silver Medal by the 1939 All-America Selections Committee. This huge flawered variety has soft, rich salman-pink flarets, with wide, creamy-white eyes. About 10 inches high, runs quite true, and is a prolific bloomer. For bedding, cutting, ar boxes, Packet, 25c.

CHINA ASTER, Wilt-Resistant Early Giant, Light Blue—Enormous, lacy, clear light blue Aster that is really a glorified Giant Crego. 3-foot branching plants, that praduce an abundance of 5-inch flowers with curled and interlaced petals. Fine for cutting and keeping. This new Aster won an All-America Silver Medal for 1939, and will win attention in your border. Packet, 25c.

ANTIRRHINUM, Guinea Gold—Striking flowers, glowing bronzy orange, with yellow throats. Plants grow dwarf and bushy, 12 to 18 inches high. This 1939 All-America Selection is a truly grand Snapdragon, with many large flowers on campact spikes. Packet, 25c.

MARIGOLD, Early Sunshine—Dwarf and very early flowering variety of Dixie Sunshine. Bushy, 24-inch plants, with yellowish-green faliage. Blossoms are 2 to  $2^{1}/_{2}$  inches in diameter, with uncurved petals of lemon or sulphur yellow. Bronze Medal, All-America Selections, 1939. Packet, 25c.

CYNOGLOSSUM, Firmament—An easy-to-graw, dwarf new type of Forget-menot. Because of its rich blue color, and neat habits, this All-America 1939 Branze Medal Winner will be a favorite of all gardeners. Packet, 25c.

PETUNIA, Ladybird—This new, campact, dwarf Petunia is of the deepest rase, with faint veins of a darker colar tawards the throat—and is a distinct addition to this type of dwarf, compact Petunias. 1939 All-America Selection. Packet, 25c.

VERBENA, Blue Sentinel—Unusual, rich navy blue flowers, with medium sized florets and trusses. 10 to 12-inch compact plants, fine far neat, dark beds. 1939 All-America Bronze Medal. Packet, 25c.

PETUNIA, Salmon Supreme—Dwarf bedding Petunia, distinctly new, with light salman flowers, white throated. Plants are bushy, 12 inches high, and bloom prafusely over a long season. Award of Merit, All-America Selections, 1938. Packet, 15c.

PETUNIA, Gaiety—Giant fringed, dwarf, all-double variety. Flowers are rose ar light rose, with white colorings, double, and semi-double. Award af Merit, All-America Selections, 1938. Packet, 15c.

CALLIOPSIS, Golden Crown—This enlarged type of orange-yellow or gold Calliopsis received an Award of Merit from the All-America Selections Committee in 1938. Some of these large flowers come with extra rows of petals, and all on long, wiry stems, making them fine for cutting. Packet, 15c.









#### ...each one the king of its kind

**PETUNIA, Flaming Velvet**—Large, velvety, blood-red flowers, rich and brilliant. Packet, 15c.

**PETUNIA, Dainty Lady**—These lovely, large-fringed petunias are aptly named. Delicate yellow, tinged gald and deeper cream bloams, on compact, neat plants. Packet, 20c.

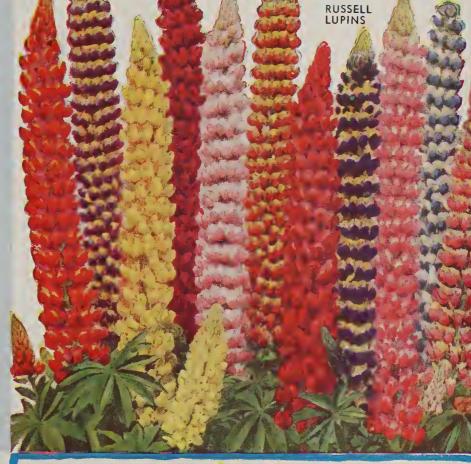
ZINNIA, Giants of California—Astounding in size, magnificent of form. Many beautiful colors. Particularly fine for cutting. (Also see Front Cover.) Packet, 10c.

CALENDULA, Orange-Shaggy—These deep, two-toned shaded orange, graceful, informal, shaggy flowers attract everyone. Lang stems. All-America Award, 1935. Packet, 20c.

ZINNIA, Lilliput—(Pastel Mixture) Lovely, soft shades. These small, neat, symmetrical flowers are lavish bloomers. Packet, 10c.

RUSSELL LUPINS—Lance-like rays of brilliant colors for your garden. A new development of Lupins from England. 10 seeds, 15c; 24 seeds, 25c.

MARIGOLD, Gigantea Sunset Giants—Delightfully fragrant, without the usual Marigald odar. Dauble, beautifully formed flawers frequently 71/2 inches across. Range from primrose through several fine yellows to deep orange. Packet, 15c.







#### FOR YOUR CONVENIENCE

The capital letters after the name of each flower give you the following information:

(A)—Annual
(B)—Biennial
(HP)—Hardy Perennial
(HHP)—Half-hardy Perennial
(TP)—Tender Perennial

Suited to Full Shade
—Suited to Semi-shade

AGERATUM(A) ←—Easily grown plants, densely covered with blossoms. Use taller sorts for cutting—dwarfs for edging. (See Page 14 for color illustration.)

Blue Cap—New, dwarf. The neat little plants are completely covered with blooms from midsummer until frost. Wonderfully rich, deep blue. Packet, 15c.

Fairy Pink—Soft rosy salmon pink blossoms that come when plant is only 1½ to 2"—continuing until plant reaches its 5-inch maximum height. Packet, 15c.

Blue Perfection—Compact growth, 9 to 12 inches. Dainty lavender-blue flowers. (See Page 14 for for color illustration.)

ALYSSUM (A) & (HP) — The fragrant annual sorts bloom almost continuously from early summer until frost. For permanence in the border, plant the perennial varieties. Alyssum is easily grown in any good garden soil.

Little Gem (A)—Graceful dwarf plant, about 6 inches. Clouds of honey-scented white blooms. Excellent for edging, or massing.

Carpet of Snow (A)—Finest edging plant. The mass of flat, rounded flowers form a continuously blooming snow-white ribbon in the border. 4 inches.

Saxatile (HP)—Compact 9 inch plant, whose deep golden yellow flowers brighten the border in late spring.

Mixed

AMARANTHUS (A)—Tall, robust, showy, with colored foliage. Likes hot sunny sites, lean soil, and plenty of room.

Tri-color (Joseph's Coat)—Inner foliage bronze, outer gold and scarlet

ANCHUSA (Blue Bird) (A) ♦—Sprays of vivid indigo blue, forget-me-not like flowers. Plants are compact, even, showy. Blooms all summer. A brilliant addition to your garden. 15 inches.

ANTIRRHINUM (Snapdragon)
(A) —Sow early. They germinate slowly and require full sun. A hardy annual, with a gorgeous range of color. Keep seed pods picked and they bloom all summer in fragrant spikes.

California Giants—Large showy spikes. 3 feet. Packet, 15c.

Celestial — This impressive new Snapdragon won the All-America Award of Merit, 1938. A majestic flower, with large, compact spikes. Unusual salmon-rose, clear and rich. Packet, 15c.

Crimson, Rose, Ruby, Copper, and other individual shades.

Dwarf Mixed—About 16 inches.

Giant Rust-proof Mixed—Famous winner of the All-America Award for immunity to destructive rust. Vigorous long-blooming large flowers, in a fine color assortment. (See Page 9 for color illustration.) Packet, 15c.

Tall, Finest Mixed—Extremely interesting colors.

AQUILEGIA (Columbine) (HP)

→ A delightful perennial easily
grown from seed. Sow in flats in
early summer, transplant to bed
in early fall. Prefer light shade
and not too rich soil. Blooms in
spring and early summer in a
wide range of both brilliant and
pastel colors. 2 to 4 feet. (See
Page 9 for color illustration.)

Double Mixed Single Mixed



ASTERS (A)—Universally popular, the mainstay of the garden in late summer. Invaluable for cutting or bedding. Need rich new soil and good sun.  $1\frac{1}{2}$  to  $2\frac{1}{2}$  feet.

American Branching — Mixed — large, double flowers.

Enchantress—A new wilt resistant improvement of the Crego type, with long petals curled back at

bloom, with curled, twisted chrysanthemum-like petals. Blooms abundantly. Branching, 24 inch plants. Fine long stems. All the delightful aster colors. (See Page 9 for color illustration.)

Giant Peony Flowered—A fully double giant, wonderful for cutting. Keeps well. Excellent stems. Delightful range of colors. Packet, 15c.

Improved New California Giants
—Mixed and in a variety of colors. Packet, 15c.

Queen of the Market—The early favorite. Spreading. 16 inches high. Mixed colors.

Super Giant El Monte—One of the most popular new asters, resembling Los Angeles, in shape, size and feathery form. Glowing crimson. All-America, 1936. Pack-

Super Giant Los Angeles—Huge shell pink flowers, frequently 8 inches across on fine stems. Plants about 30 inches and have excellent stems. Curling interlaced petals. Packet, 25c.

BABY'S BREATH — See Gyp-sophila.



BACHELOR'S BUTTON or CENTAUREA (Cornflower.) (A) — Hardy, rather thistle-like flowers, fine for cutting and border plant-

FLOWER
SEEDS
10¢
PER PACKET
except where otherwise noted

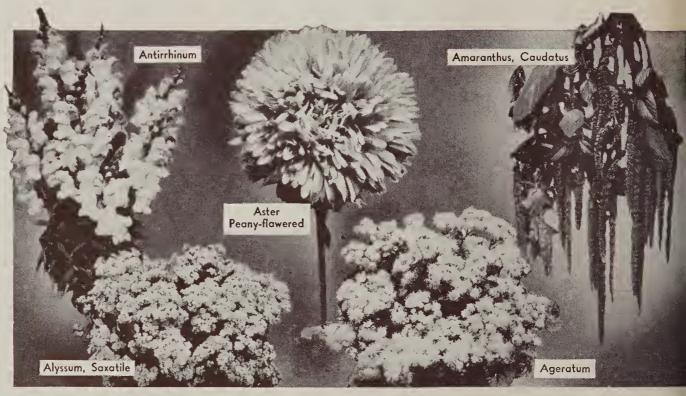
Small white flowers are followed by interesting balloon-like seed pods. Best in light soil. Five to ten feet.

BALSAM (Lady Slipper) (A) ←
—A favorite old time annual.
Hardy, bushy plants 18 inches
high. Wants partial shade and
plenty of moisture. Flowers on
short stems, sometimes two inches
across. Blooms for sixty days.

**Double Mixed**—A pleasing color range.

BEAN (Scarlet Runner) (A)— An edible scarlet and purple bean. Quick growing, bearing large sprays of scarlet colored pea-like flowers.

BELLIS PERENNIS (English Daisy)
(B) ←—Delightful little button-like flowers, loved for their bright



the tips and somewhat entwined in the center of the flower. Pleasing pink with an undertone of rich salmon. All-America Selection, 1938. Packet, 15c.

Giant Comet Illusion—A beautiful flower of its type, with a fine creamy salmon-pink color. Wiltresistant. Packet, 15c.

Giant Comet—Mixed, and in a variety of colors.

Giant Crego — Immense fluffy

ing. Bloom from early summer until hard frost.

Blue—Universal favorite.

Jubilee Gem—(See Page 4 for description and color illustration.)

Mixed — Blue, white, maroon, pink, red.

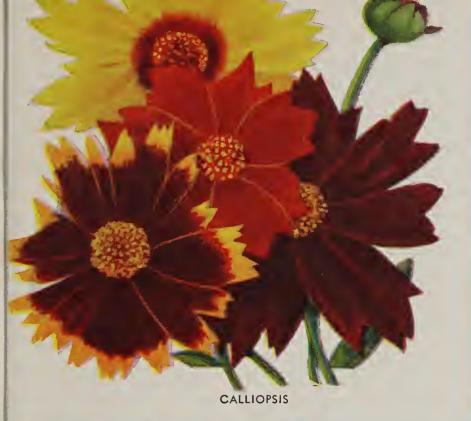
BALLOON VINE (Love-In-A-Puff) (A)—Quick-growing, hardy, annual climber. The delicate foliage is an ideal cover for fences, etc.

color, long season, and protuse bloom. Standing on stiff stems above the leafy base. 6 to 8 inches.

Mixed—In many colors.

**BLANKET FLOWER**—See Gaillardia.

A)—Exquisitely dainty clusters of lavender-blue flowers that look like tiny parasols. Fine for cutting. Does best in cool locations.







### \*10 worth of flowers for 10¢!

You get the world's greatest bargain when you buy a packet of flower seeds!

Just think of what you get for a few pennies! Dollars worth of flowers—plus the immeasurable pleasure of creating beauty with your own hands . . . making your home more livable, and increasing its value.

Invest pennies and get DOL-LARS of beauty value in return!









BRACHYCOMBE (Swan River Daisy) (A)—Most of the summer this dwarf-growing onnual is covered with a mass of dainty blooms that resemble smoll cinerarias. For small beds, edgings or pot culture. Plants 12 inches tall.

BURNING BUSH or FIRE BUSH
—See Kochia.



CALENDULA (Pot Marigold) (A)—The brilliant color and informal shope of this flower make it popular. Too, they require little care and thrive even in poor soil. Plants 18 inches high, delightfully showy.



Campfire Improved—(See Page 6 for description and color illustration.)

Orange Fantasy — Distinctive, new, rather dworf and heavily foliaged. Flowers are a delightful orange with a seal-brown crest of petals. 1938 All-America Award of Merit. Packet, 15c.

Orange King—Extra fine, dark color. Large bloom.

Orange Shaggy—(See Page 7 for description and color illustration.)

Radio Royal or Marigold—Rich orange, quilled petals, fine full flowers. These almost globulor, perfect double flowers are striking in any garden.

Sunshine or Chrysantha — Fine, loose petals of an unforgetable buttercup yellow color. The plants are tall, imposing, and bloom freely. All-America Gold Medal winner.

Mixed—A profusion of orange and yellow shades.

**CALIFORNIA POPPY** — See Eschscholzia.

CALLIOPSIS (Tickseed)—A gay annual in bright varied combinations of yellows, orange, browns, and maroons. Long wiry stems for cutting Eosy to grow; bloom all summer. 2 feet. (See Page 9 for color illustration.)

Mixed—A great variety of color combinations.

CAMPANULA (Canterbury Bells)
(A) ♦—A brilliont old time favorite with colors ronging through whites, pinks, blues and lilac. Adaptable and thrifty, but enjoys good soil, too. The size of the plant varies, mostly around 2 feet.

Cup-and-saucer Types—Mixed.
Single Mixed

CANARY BIRD VINE (A) ♦—
The flowers somewhat resemble a bird with half opened wings and are a fine canary yellow.
Grows rapidly. Climbs well. A fine cut flower.

CANDYTUFT (A) — Excellent in large masses or for borders. Grows quickly Successive plantings should be mode about every two weeks to ossure continuous bloom. 12 inches.

White Hyacinth—Large spikes of bloom.

Umbellata, Mixed — A splendid color range.

**CANTERBURY BELLS** — See Campanula.

CARDINAL CLIMBER (A) — Rapid climber — sometimes to thirty feet—with fern-like foliage and a blaze of cardinal red tubular flowers.

CARNATION (A)—Spicy scented, richly colored favorite. With care and favorable conditions greenhouse quality flowers may be produced in the open garden.

Chaubaud's Giant—Double, extra large, clove-scented flowers. Bloom six months after seeding, and continue all summer.

Giant Marguerite—Highly scented, large, beautifully fringed flowers, sometimes 3 inches across. Good for cutting. Upright, free blooming plants. White, crimson, pink and several striped forms.

Mixed

CASTOR BEAN (Ricinus) (A)
—The broad tropical leaves and
brilliant colored fruit make a
splendid, interesting background.
Average height 6 feet. Needs

good soil, ample sun ond moisture.

CELOSIA (Cockscomb) (A) — These graceful blossoms make a striking display and give brilliant, long lasting bloom for cutting. The variety of types is always interesting. For either beds or borders, 2 feet

Plumosa—Feathered Cockscomb. Mixed. (See Page 12 for color illustration.)

Childsii Crimson — (Chinese Woolflower.)

Cristata—Mixed.

Pyramidialis, Flame of Fire—Fine dwarf type, fiery red.

CENTAUREA (Cornflower) (A)
—One of the most popular of
all garden flowers. Free blooming, eosily grown. Excellent for
either bedding or cutting.

Imperialis—Sweet Sultan.

Cyanus—Bachelor's Button.

Double Mixed—Fluffy balls.

Also see Bochelor's Button.

CHERRY PIE—See Heliotrope.

CHRYSANTHEMUM (A)—Make a splendid display, and are excellent for cutting. Pleasing color range. About 2 feet.

Single Mixed—Daisy-like flower.

Double Mixed—Many good colors.

CLARKIA (A) ♦ — Graceful, erect, bushy plants, bearing many rosette-like delicately colored flowers, set along the stems. Good cut flower.

COLEUS (A)—An excellent foliage plant that does well indoors, and can be transplanted outdoors when warm weather comes. Unexcelled for borders and window boxes. Vari-colored leaves in shades of green, red, and yellow. When outdoors, likes partial shade. Packet, 15c.

COCKSCOMB—See Celosia.

COLUMBINE—See Aquilegia.

CLOVER STRAWFLOWER—See Gomphrena.

COREOPSIS (HP)—These graceful, daisy-like flowers with their broad fluted petals are a "must" for every garden. Long stemmed, wonderful for cutting. Glossy, rich yellow. Long blooming season.

Lanceolata Grandiflora — Long blooming. Lovely yellow flowers on long stems.

Sunburst, double—Packet, 15c.

CORNFLOWER—See Bachelor's Button, olso Centaurea.

COSMOS — With their feathery foliage and wealth of bloom through late summer and autumn, Cosmos are one of the most valuable annual garden flowers. Wonderful for cutting, and arronging.

Early Giant Flowering—5 to 6 feet.

Early Single—Weeks ahead of most.

All
FLOWER
SEEDS
10¢
PER PACKET

except where otherwise noted

Orange Flare—This outstanding All-Americo winner is early flowering and grows into a fine bushy plant three feet high. The stems are long and wiry. The petals are rich, deep orange, sometimes  $2\frac{1}{2}$  inches across. (See Poge 12 for color illustrotion.)

Sensation—1933 All-America Selection. Largest, and earliest of the mammath flowering varieties. The plant is 4 feet tall, beoring flowers up to 5 inches across.

Single Mixed.

Sensation Pinkie—(See Page 6 for description and color illustration.)

Double Mixed — Bushy plants, long stems. (See Page 12 for color illustration.) Pocket 15c.

CUPHEA FIREFLY (A) — (See Page 6 for description and color illustration.)



DAHLIA (TP) — Usually grown from roots, but interesting to roise from seed. Will sometimes bloom the same year if sown early.

Double Mixed—Vivid colors, double flowers. Packet, 15c.

Single Mixed—Favored by many.

DAISY, AFRICAN—See Arctotis.

DELPHINIUM (Perennial Larkspur.) (HP) ♦ — Long floral spikes, in glorious shades of blue. Excellent for backgrounds. (See Page 12 for color illustration.)

Belladonna (Light Blue) — Delightful silvery-blue. Blooms profusely. Packet, 15c.

Bellamosa (Dark Blue) — Rich, intense, deep blue. Packet, 15c.

Blackmore & Langdon English— Tall, graceful spikes, abundantly covered with flowers. Pastel shades, ranging from light blue to indigo. One of the best delphinium.

Mixed.
Dark Blue.
Light Blue.

# WE CAN GET IT FOR YOU!

If there is some rare or unusual flower variety you can't find listed in this book... just ask us for it. We'll get it for you!

DIANTHUS (Pinks) (A)—Spicy, fragrant and showy. At home in beds or borders. Faithful blaomer. Fine for cutting.

**Double Mixed**—Fine variety of forms.

Single Mixed—Wide and varied color display.

Heddewigi---The large Japanese pink.

Laciniatus Splendens—A striking, showy Dianthus with few equals for edging or border use. The flowers are single, sweet scented, and large. Brilliant crimson with a vividly contrasting large white eye. Easily grown and blaoms profusely. (See Page 9 for color illustration.)

**EUPHORBIA**—See Snow-On-The-Mountain.

FORGET-ME-NOT (Myosotis) (HP) ← Well-known favorite, adapted to either beds or borders. Start early for flowers first season.

FOUR-O'CLOCK (A)—Red, yellow, rose, white and lilac blossoms that spread over the glassy foliage in mid-afternoan. Lowgrowing plants suitable for low hedging.

FOXGLOVE (Digitalis) (B) —
These tall spires bring the charm
of an old fashioned garden, giving a wealth of brilliantly colored
flowers with little attention. Like
half shode.



GAILLARDIA (Blanket Flower) (A) — Gay, showy blossoms in tones of orange, yellow, red, and maroon brighten the garden all summer. About 18 inches.

Monarch Mixed—(See Page 14 for color illustration.)

Single Mixed—Many fine colors.

Double Mixed—Full blossoms.

Perennial Mixed

GEUM-Flowers like tiny double roses, on long stems, poised over

GOURDS (A) — Valuable for their fine foliage, these climbers provide an interesting variety of attractive, singularly shaped fruits and can always be caunted on for pleasant surprises.

Ornamental Varieties—Mixed.

GYPSOPHYLA (Baby's Breath) (A)—The misty bloom is excellent for cutting and adds interest to a bouquet. It is easy to grow and a generous bloomer.

Rose—Pleasant blush pink. White—A pure strain

HELIANTHUS—See Sunflower.

**HELICHRYSUM** — See Straw-flower.

HELIOTROPE (Cherry Pie) (TP)
—Clusters of dark blue to deep
violet flowers against dull green
foliage make this rapid grower
most effective. Start early for
fine flowering plonts oll summer.



HOLLYHOCKS (HP) ←—Effects not abtainable with other plants are possible with these fine tall, showy plants. Rich, full spikes, ideal for backgrounds. 5 to 7 feet high.

Double Mixed—Full, close bloom.



LARKSPUR (A) — Hondsome, long clustered floral spikes, beautifully set off by feathery, soft green foliage. Long blooming season. Most effective as a background for borders. (See Page 12 for color illustration.)

Blue Spire—The most desirable blue. Packet, 15c.

Dark Blue-Packet, 15c.

Exquisite Pink

Rosamond—Packet, 15c.

Single Mixed — Excellent color range.

Stock Flowered, Mixed—Double varieties in full range of colors. White Spire—Desirable for cutting. Packet, 15c.

LATHYRUS LATIFOLIUS — See Perennial Sweet Peas.

LINUM (Scarlet Flax) (A) ♦—
These brilliantly colored flowers
deserve a place in the home
garden. The life of the individual
flower is short, but blooming season can be prolonged by successive sowings.

LOBELIA—Crystal Palace (A) ◆
—Smoll round compact plants,
which form attractive little
mounds of bloom, with rich, deep



Sweet Wivelsfield, New Hybrid
—Unusual China Pink. (See
Page 12 for color illustration.)
Didiscus—See Blue Loce Flower.

DIGITALIS—See Foxglove.

ENGLISH DAISY — See Bellis Perennis.

ESCHSCHOLZIA (California Poppy) (A) — For richness of color and pleasing simplicity of form these flowers have a few equals. Reds, gold, orange, scarlet, chestnut, pink, and a full range of poppy colors.

a tufted plant. Prized for cutting. 2 feet.

Mrs. Bradshaw, Scarlet — Large, double, orange-scarlet.

GODETIA (Satin Flower) (A) ♦
—Rich, satiny, azalía-like flowers, especially suited to partial shade.
Will thrive in rather poor soil.
Fine range of colors. 12 inches.
Single Mixed—Profuse and showy.

GOMPHRENA (Clover Straw-flower. (A)—A true bachelor's button that may be dried for winter bauquets. Thrives well in pots and is equally effective in the border.

Double Scarlet Beauty—Beautiful, gleaming rosette-like flowers. (See Page 9 for colar illustration.)

**Single Mixed**—Choice color assortment.

IPOMOEA—See Morning Glory.

KOCHIA (Burning Bush or Fire Bush. (A)—A close, compact, bright green pyramidal bush with moss-like foliage that turns to brilliant red in the fall. Reaches about 2½ feet, excellent hedge plant.

LADY SLIPPER-See Balsam.

blue flowers and dark foliage. 4 inches.

LOVE-IN-A-MIST (Nigella) (A)
—A pleasant mixture of clear cornflower-blue and white. This is an easily grown, compact, free flowering plant. Admired for its mist-like foliage and curiously shaped seed pods.

Mixed

**LUPIN** (A) ♦ —Easily grawn, hardy plant with lang graceful spikes of richly colored flowers. Equally valuable far bedding, borders, or for cutting. Profuse bloomers, attaining a height of 2 feet.









#### Bring your gardening troubles to us!

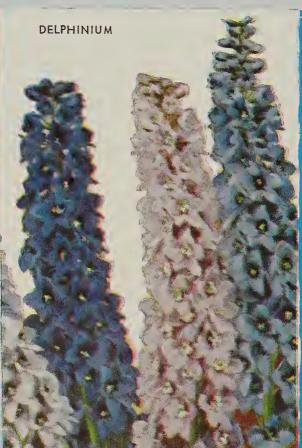
It may be your lawn . . . those troublesome spots where grass simply won't grow.

Or perhaps you're not quite sure what kind of fertilizer your border needs . . . or what to do about those peculiar little bugs that found a home in your aster bed last season.

No matter what's troubling you, just drop in and talk it over with us. Our experience and knowledge is yours for the asking. We can help you.









# FLOWER SEEDS 10¢ PER PACKET except where otherwise noted

Russell Lupins—(See Page 7 for color illustration and description.)

Annual Mixed — Free flowering, showy spikes of closely clustered solid blooms. Rose, white ond blue.

Perennial Mixed — They succeed well almost anywhere, ond during May and June, provide an abundance of gloriously colored long spikes in various colors.



MARIGOLD (A) — When most other plants have passed their prime, this bright colored annual is still blooming profusely. The Marigold has been improved more than any other flower family in the past few years.

Burpee's Gold — Sweet-scented, glowing golden Marigolds. The double blooms are extremely large, and resemble glorious, deep orange Carnotions. Completely odorless.

Crown of Gold—Odorless.—(See Page 4 for description and color illustration.)

Dixie Sunshine—A fine cornotion type of bloom of golden yellow and without odor. They are 100% double, lang lasting and late blooming. The 2-inch flowers are each a head of tiny five petaled flowers. Plant is 3 to 4 feet tall. All-America Selection, 1936. Packet, 15c.

Double Dwarf French Harmony— (See Page 6 for description and color illustration.)

**Dwarf Royal Scot**—(See Page 4 for description and color illustration.)

French — Long blooming, toll plants. Double, with an excellent color variety, including the interesting striped variotions.

Giant African — Dense, hordy bushes averaging 30 inches in height, with finely cut, bright green folioge, and globular blooms that often are three inches in diameter. Brown, orange, and lemon shades predominate. Very easy to grow.

Gigantia Sunset Giants—Odorless. (See Page 7 for description and color illustration.)

Golden West — All-America Selection, 1938. Packet, 15c.

Guinea Gold—Magnificent, tall brilliontly golden flower, with cornation-like petols. Plants bear an abundance of well rounded, double ond semi-double blooms.

Yellow Supreme—This fine new Marigold is delicately sweet scented. The rich, pure yellow blooms measure nearly three inches. Keeps fully a week to 10 days when cut.

MIGNONETTE (Sweet Scented) (A)—Once again this old, old, favorite returns to popularity. It is especially desirable for its richness and fragrance. Long blooming, ideal for cutting.

MORNING GLORY (A)—Rapid, annual climbers, with dense foliage. The range of delicate colors offered in these varieties odd much to their value.

Heavenly Blue — Quick-growing, vigorous climber with extremely large blue flowers. Long blooming season. (See Page 15 for color illustration.)

Large Mixed—New sorts in a delightful assartment of colors.

Scarlett O'Hara—(See Poge 4 for description and color illustration.)

MOSS ROSE—See Portuloca.

MOURNING BRIDE—See Scabiosa.

MYOSOTIS—See Forget-Me-Not.



NASTURTIUM (A) ←—No other garden flower gives so much sotisfaction as this hardy, easily grown annual. Thrives in soil other plants would scorn. Vivid in coloring, the abundant blooms stand upright on firm stems. Fine for cutting and moss planting.

Double Glorious Gleam Hybrids
—Beautifully formed, sweet
scented blossoms, with splendid
long stems. Of compoct habit
with short runners. Wide variety
of colors.

Dwarf Mixed — Compact, gemlike plonts in many colors.

Golden Gleam—Fragrant, double, gleoming gold blossoms.

Salmon Gleam—Delicote solmon.

Scarlet Gleam — Fiery, brilliant red

Tall, (Trailing) Mixed—Wonderfully adapted to covering fence or trellis, or to droop from window boxes.

NICOTIANA (A) ♦ — The fragrant, long tubed, petunio-like blossoms pour full, rich, spreading fragrance over the garden every morning and evening.

NIGELLA — See Love-In-A-Mist.

PAINTED TONGUE — See Solpiglossis.

PANSY—One of the oldest ond greatest favorites of all garden flowers. Stort seed early indoors and transplant after danger of frost has passed. Plant outdoors early for late blooming.

Giants Mixed—Collection of the richest colors and markings known in Pansies.

Swiss Giants — Outstanding and unusual. Long stems, especially suited for cutting. (See Page 14 for color illustration.) Pockets, 15c and 25c.

Trimardeau—Compact, profusely blooming plants fine for bedding or cutting. Complete ronge of desirable colors.

All Colors, Mixed and in Various Individual Colors

PERENNIAL LARKSPUR — See Delphinium.

PERIWINKLE—See Vinca.



PETUNIA (A)—These prolific annuals lend themselves to mony uses. Massed in beds, they moke a sea of color. For window boxes or borders, they are unequalled. Profuse bloom is continued all summer and the first frost still finds them gallantly holding their own.

Balcony Petunia — This voriety produces longer, more spreading plants than the bushy sorts. Good for window boxes, or where an over-honging effect is desired.

Balcony Red

Balcony Blue

**Balcony White** 

Balcony Rose

Balcony, Mixed

**Burgundy**—Large purple or carmine flowers, with white throots and violet tube. Packet, 15c.

Dainty Lady—(See Page 7 for description and color illustration.)

Dwarf California Giants—Gorgeous flowers in a wide color range. Plant is dwarf, but blossoms are very large and excellent. Packet, 25c.

Flaming Velvet—(See Page 6 for color illustration and description.)

Gaiety (Single)—1938 All-America Selection. Dworf plant bearing double, giont, fringed flowers in exquisite shades of rose, to light rose-red with fine white colorings. Packet, 50c.

Giants of California—(See Page 6 for description and color illustration.)

Giant-Flowered Ruffled Varieties
—Prized for their extraordinary size and beoutiful ruffled edges. Fine selection of colors. Packet, 25c.

Martha Washington Dwarf—This 9 inch plant forms a perfect boll almost entirely covered with lovely large, frilled flowers. Blush-



pink edges with strong wine-red veins, dark violet throot. Packet,

Rose Gem—Bright rose. Neot, compact 6-inch plants. Packet,

Rosy Morn—Beautiful pink, white throats.

Rose of Heaven—Velvety, rich violet.

Salmon Supreme—distinctly new. Compact, bushy plant, about 12 inches. Light salmon shading to pure white in the throat. 1938 All-America Selection. Packet, 25c.

Single Bedding, Mixed—Collection of all the desirable colors.

13

#### **ELEVEN SPECIAL SELECTIONS—EACH ONE A SURE**











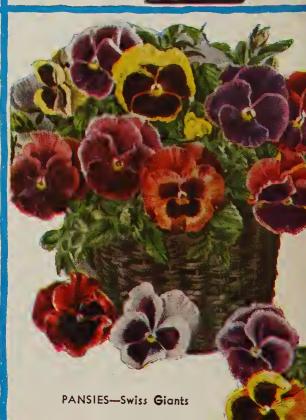


# We can get it for you!

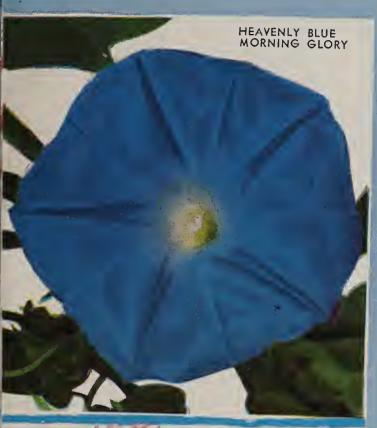
If there is something you want for your lawn or garden — and you don't find it listed in this book — JUST ASK US and we'll get it for you gladly, and promptly.

It may be a rare variety of flower seed . . . or some special garden supply . . . or perhaps you only want our advice. But in any event—just ask us! We want you to think of us as your permanent headquarters for all garden needs.





#### SOURCE OF DELIGH





TITHONIA—Speciosa Grandiflora Fireball

### for the Roch Garden

The beauty of all growing things depends largely on the naturalness of their setting. So there's na better way ta recapture the simple loveliness of Nature's true backgraund far many types of plants and flowers—than with a well-planned, carefully planted

Throughout the pages of this catalog, you'll find listed all of the well-known popular varieties af seed yau'll want far yaur rack garden this seasan.

And you'll want to plant plenty of them! Because to be truly beautiful, a rockery must be literally cavered with plants and bloams. If it is sparsely planted, the effart and wark spent to create the kind of delightful woodland spot Nature sa generous-

Don't overloak the value of low-growing annuals far rack-garden planting. They fill in, and give you a wealth of blaam while your slower, permanent plants are developing.

If you can't find a variety you want for your rock garden listed in the catalog—just ask us.

# All FLOWER SEEDS 10¢ PER PACKET

except where otherwise noted

PHLOX (A) — For a brilliant variety of bright, fresh colarings in the garden, plant Phlox. The sturdy plants thrive in almost any kind of soil, and flawer freely during the entire summer.

Drummondi, Mixed—A universal favorite. Large, individual blassoms and heads. In a mixture of all the brilliant colors, and whites.

Drummondi—in various individual shades.

Dworf Mixed—Compact, symmetrical plants for bedding, edging, or borders. 6 to 8 inches. All the gay and saft calors.

Gigantea Art Shades — Very large flowers, in many lovely pastel shades, that are entirely new omong Phlox. An All-America Selection. Packet, 15c.

POPPIES (A) (HP) — For o showy, brilliant effect, Poppies are unsurpassed. Very hardy, will grow freely in almost any garden soil. Equally good in clumps or beds.

Colifornia—See Eschascholzia.

Double Mixed (A)—Large, double flowers in many beautiful pastel colors.

Emperor—Giant flowered Iceland Poppy, extremely large flowered, brilliant orange. (See Page 9 for color illustration.)

Iceland Mixed (HP)—Graceful, with neat habits. Bright green, delicate, fern-like faliage. Abundant bloom of brilliant flowers, fine for cutting. Blooms first year.

Orientol (HP) ◆ — Few flowers make such a gargeaus show of riotous colors as this extraordinary Poppy. The huge, red blossoms often are six inches across. Against the green foliage, they always furnish a garden high spot.

Single Mixed (A)—Splendid mixture of many colors and free blooming single flowers.

Shirley Mixed (A) — Artistically ruffled edges on the large bloom. A delightful assortment of colors with scarcely ony two flowers alike.

PORTULACA (Moss Rose) (A)
—These showy annuals need a
sunny location and thrive best
in light soil. Give an unforgettable display of colors. Fine for
mass plantings, edgings.

Double Mixed

Single Mixed

POT MARIGOLD — See Colendula.

PYRETHRUM (HP) ←—A showy, hardy perennial that has its place in every well-planned garden. Plants bloam abundantly. A fine color range. Mixed.

RICINUS—See Castar Bean.

SALPIGLOSSIS (Painted Tongue) (A)—Large, lily-like flowers, velvet-textured, in many bright and gaudy colors.  $2\frac{1}{2}$  to 3 feet plants, blooming from June until frost. Likes a sunny location. (See Page 14 for color illustration.) Mixed.



SALVIA (A) — An indispensable plant far bringing rich, brilliant color into the garden. Used for bedding, borders, or individual specimens. (See Page 14 far color illustration.)

for cutting—keeps olmost o week. (See Page 14 for description and color illustration.)

Imperial Gionts, Blue Moon — (See Page 4 for description and color illustration.)

Mixed

SCARLET FLAX—See Linum.

SCARLET RUNNER—See Bean, Scarlet Runner.

**SNAPDRAGON** — See Antirrhinum.

SNOW-ON-THE-MOUNTAIN (Euphorbia.) (A)—The foliage is beautifully edged with white. Excellent for cutting. Above 2 feet.

STOCKS (A) — Unlimited charm and diversity of color. One of the most abundantly blooming annuals. Good far bedding, or pot culture.

Ten Week Stocks—Double rosette-like blossoms on fine sturdy stems in a brilliant range of diverse colors. May be potted, and taken indoors before frost.

Evening Scented — Delightfully fragrant with an excellent range of colors.

Beauty Mixed

STRAWFLOWER (Helichrysum)
(A)—Handsome when growing autdoors, and when dried make brilliant winter bouquets for the

SWAN RIVER DAISY—See Brochycombe.

SWEET WILLIAM (HP) ←—Free flowering with beautiful large heads of bloom. Rich, fine colars. (See Page 17 for color illustration.)

Single Mixed — Gayly colored, disc-like flowers with interesting markings and combinations.

Double Mixed—Similar to the single sorts, but covered with dainty, double blossoms. While not quite as showy as the single kinds, the period of bloom is longer. Wide assortment of colors.



**SWEET PEAS (A)**—These lovely garden favorites need well-fertilized soil. Water frequently on warm days.

**Eorly Flowering, Mixed**—The finest extra early sorts. (See Page 17 for color illustration.)

Eorly Flowering Spencers—Developed particularly for outdoor planting during winter months in the warmer climates, but also used in cooler areas where they bloom 2 to 3 weeks earlier than the summer flowering but not sa



Bonfire — Brilliant red flower spikes on round, symmetrical plants. Rather dwarf.

Splendens (Scorlet Sage)—Beautiful bright scarlet. (See Page 14 for color illustration.)

SATIN FLOWER—See Godetia.

SCABIOSA (Mourning Bride)
(A)—Dense heads of exquisitely colored, irregular flowers. Fine long stems. An invaluable flower

house. Amazing assortment of soft and vivid colars. (See Page 12 for calor illustration.) Mixed.

SUNFLOWER (Helianthus) — Stately, well loved ald favorites. For backgrounds, or general coverage of unsightly places, they are unsurpassed because of their size and brillioncy.

Double Mixed Single Mixed continuously. (Mixed, and in o variety of colors.) (See Poge 17 for calar illustrations.)

Ruffled Giont Spencer — Strikingly beautiful, unusually delicate in coloring. Perfectly formed, vigorous. In vorious individual shades ond mixture.

Summer Flowering Spencer—Gigantic, beautifully formed blossoms. In vorious individual shodes and mixture.













### Flower Grower's Guide

FLOWER	Height of Plants (Inches)	Space Between Plants (Inches)	Annual or Perennial	Average Germinating Period-Days	
Ageratum Alyssum, Sweet Aster Calendula Calliopsis Campanula Centaurea Chrysanthemum Coreopsis Cosmos Dahlia Delphinium Forget-Me-Not Four O'Clock Gaillardia Gypsophila Hollyhock Linum (Flax) Lupine Marigold Mignonette Nasturtium Pansy Petunia	Height of Plants (Inches)  6-18 3-9 12-30 12-24 10-18 12-50 12-24 24-36  18-30 36-60 36-60 30-48  8-12 18-24 12-18 12-18 36-60 10-15 30-48 10-24 12-18 6-60 6-12 10-18	Between Plants (Inches)  6 4 9 6-10 6-8 8-12 6-12 12-18 6-12 18-36 12-24 4-6 8-12 6 6-10 12-18 4-8 12-18 6-8 12-18 6-8 12-18 4-8 12-18 4-8 12-18 4-8 12-18 4-8 12-18 4-8 4-8 4-8 4-8 4-8 4-8 4-6	Or Perennial AAAA APAA PAAA PAAA PAAA AAA AAA AAA A	Germincting Period-Days  14 10-20 8-12 14 14 15 11-18 21 14 10 15-21 14 15-20 10-14 21 20-25 10 8 14 14 30 10 P 10-14	4 1
Poppies Salvia Sunflower	12-36 48-72	12-2	4 A	10-14	
Sweet William Verbena	10-30	6-10	)	14	

NOTES

A necessity. Try the pinks. Dwarf forms for rockery.

Try taking them indoors in fall. As good in house as in garden.

Like a little shade. Don't over-water or crowd. Keep flowers cut.

Happy in hot or cool weather, full sun or semi-shade.

Easy to grow. Deserves more attention.

Also known as Bellflower, Harebell or Bluebell.

Also known as Bachelor's Button or Cornflower.

Also known as Bachelor's Button or Seed, be sure to try it!

If you have never grown Mums from seed, be sure to try it!

Not easy to transplant. Cut flowers last well.
Cultivate frequently. Pinch back to make bushy.
Needs well-drained soil. Drive stakes before planting.
Need sun, good air, circulation and rich, light, alkaline soil.

Give moist location and partial shade. Children love them. Need sunny place. Stands mild frost. Does best in full sun and well-drained soil. Almost any soil or location will do.

Colonial houses must have them. Others should, too.
A necessity for rock garden. Good for sunny border.
Not easy to transplant. Moist, sunny location.
Varieties for almost any purpose—border, bed, or cutting.

New forms re-winning its former popularity.
Watch for aphids. Spray with contact insecticides.
Not too much sun; not too much shade. Keep flowers cut.
Pinch to make bushy. Like leaf-mold in soil.

Top-mulch with peat in dry weather.

Difficult to transplant. Like sun and well-drained soil.

Need sun. Vivid colors, good against dark shrub background.

Get acquainted with the newer varieties.

Should be treated as a biennial.

Almost any soil, but best in light, moderately fertilized loam.

Almost any soil, but fertilizing every few weeks works

Don't need much helo, but fertilizing every few weeks works

wonders.

# All FLOWER SEEDS 10¢ PER PACKET

except where otherwise noted

Perennial Sweet Peas (Lothyrus Latifolius)—Sturdy vine with luxuriant pea-like foliage, bearing large clusters of waxy, handsome flawers—also pea-shaped. The vine is well adapted to scrambling over racks, and rugged spots, but con be trained to a support.

TICKSEED—See Calliopsis.

TITHONIA SPECIOSA GRANDI-FLORA (Fireball) (A)—Dazzling scarlet, large single flowers. Plants are very tall, but neat. Brightest possible flower for fall use. (See Page 15 for color illustration.)

VERBENA (A)—Favored alike for cutting and for display. Free blooming, with very large and calorful heads. (See Page 17 for color illustration.) In a wide variety of individual shades and mixtures.

Mammoth mixed and in a variety of individual shades.

VINCA (Periwinkle) (A)—A very ornamentol and highly satisfac-

tary bedding plant. Long flowering, with brilliant green foliage.

Mixed.

wallFlower (HHP)—A lovely early spring bloomer. The fragronce is very pleasing, and the blossoms develop startling colors. A fine selection of shodes. Mixed.



ZIÑNIAS (A)—Showy in appearance, and dramatically brilliant in color. Zinnias are undeniably one of the best loved, and most satisfactory of all garden annuals. For cutting purposes, they are unsurpassed. Easy to grow, thriving under almost any conditions.

Dahlia Flowered (Mammoth)— The artistic pastel colors, and almost perfect dahlia-like form of these varieties make them greatly desired. (See front cover for color illustration. Mixed and in a variety of individual shades.

Dwarf Double Mixed — A selection of the more desirable kinds and colors, sometimes called the "Cut-ond-Come-Again" type. Equally good for bedding and cutting. Plants are compact, about 2 feet high.

Fantasy Mixed — The new and delightful variety that has won nation-wide popularity—in a mixture of unusual colors. The flowers are great masses of ray-like, twisted petals. (See Page 15 for color illustration.)

Fantasy Star Dust—(See Page 4 for description and color illustration.)

Giants of California (Mammoth)
—Mixed and in a variety of individual shades. (See Page 7 for
description and illustration—also
front cover.)

Lilliput—(See Page 7 for description and color illustration.)

Linearis—One of the most interesting and unusual newer dwarf Zinnias. Single, golden-orange flowers, lemon yellow stripe thraugh each petal. Brown centers. (See Page 17 for color illustration.)

Midget Tom Thumb — Because they are as charming as they are new, these miniature Zinnias are certain to enjoy growing popularity. The colors include all the best and most desirable Zinnia shades. The compoct little bushes are only 6 to 10 inches high, and the tiny blaams are perfect doubles.

Navajo Mixed—(See Page 4 for description and colar illustration.)

Pastel Mixture—(See Page 7 for description and color illustration.)

Pumila Picotee Delight (Salmon Rose)—Diversified markings and shape. Lovely colar. (See Page 14 for color illustration.)

Red Riding Hood Dwarf—As delightful as the fairy tale, these little flowers make friends immediately.

Scabious Flowered—An interesting new Zinnio resembling a Scabiosa. Large semi-globular crown, surrounded by a fringe of petals. The colors have delightful variety, and there are many charming contrasts between the colors of the fringes and the central crowns. (See Page 14 for color illustrotion.) Packet, 15c.

#### THE FLOWERS ON THE FRONT COVER

The picture on the cover of this catalog is a natural, unretouched color photograph. Its glorious Zinnias were caught by the magic of the modern color camera just as they came from the garden . . . just as they can be grown in your garden.

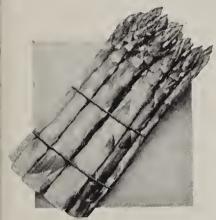
Two varieties of Zinnias are pictured . . . DAHLIA FLOWERED, and CALIFORNIA GIANTS. These are the largest blooming Zinnias known. The full-color picture on the cover shows only a few of the marvelous, bright and pastel shades they come in.

The plants are tall, branch freely, and start to flower about 60 days after seed is sown. They keep on blooming profusely over a long period if seeds are not allowed to form.

Make a note of these two—right now—so you'll be sure to enjoy them in your garden this season.



#### Selected Vegetable Seeds GIANT STRINGLESS GREEN POD—Fine far canning. A hardy and dependable cropper. Suc-TENNESSEE WONDER—Splensparagus culent, meaty, dark green pods,



Asparagus, Mary Washington

ASPARAGUS, Mary Washington —Larger than original Washington. New, and rust resistant. Abundant producer with long, thick stalks and fine quality tight packed tips.

## eans

#### Green Podded, Dwarf, or Bush

BOUNTIFUL—An early, heavyyielding variety. Flat, light-green, stringless, but slightly fibrous pods. Yellow seeds. 49 days. Large packet, 10c.

BURPEE'S STRINGLESS GREEN POD-Early, sturdy. Very meaty, round, medium green pods, fully stringless. 50 to 52 doys. Large packet, 10c.

RED VALENTINE, Extra Early Improved — Good quality while young, but will develop a slight Round, slightly curved string. pods. 45 days. Lorge Packet, 10c.

STRINGLESS BLACK VALEN-TINE—Hardy, very productive, large, erect plants. Oval,  $6\frac{1}{2}$ inch pods, dark green. Good flavor. 49 days. Large Packet, 10c.

STRINGLESS GREEN POD, Improved — Fibreless, meaty, full pods. Unusual flavor. 52 doys. Large Packet, 10c.

absalutely stringless, and without fibre. 53 days. Large Packet, 10c.

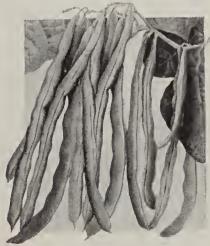
TENNESSEE GREEN POD-Stringy, somewhat tough pods of excellent flavor. Extremely hardy and productive. 54 days. Lorge Packet, 10c.

#### Beans, Wax Podded, Dwarf or Bush

IMPROVED. Golden Wax-Vines grow erect and bear 5-inch pods well off the ground. Fleshy, rich golden yellow, stringless at all stages. Sure cropper for small garden. Packet, 10c.

SURE CROP WAX—Big, sturdy, productive plants. Thick, flat, golden-yellow stringless pods, brittle and fine quality. 53 days. Large packet, 10c.

Beans, Green Podded, Pole IDEAL MARKET—Out-yields all others. Very early. Plants hardy, wiry, climb well. Pods round, slightly curved, meaty, tender and stringless when young. Good for home garden. 58 days. Large Packet, 10c.



Bean, Kentucky Wonder

KENTUCKY WONDER or OLD HOMESTEAD — Strong climber, hardy, long-bearing. Curved, almost round pods. Slightly stringy, but brittle and fibreless. Meaty. 65 days. Large packet, 10c.

McCASLAN — Dry shelled or snap, good climber. Medium green thick, flat pods. Meaty, stringless and tender when young. Ivory white seed. 65 days. Large packet, 10c.

did extra early variety. Heavy producer, fine for home garden. Large, flat green, finely flavored pods. 54 days. Large Packet, 10c. GENUINE CORNFIELD-Vigorous-growing, prolific, increasingly used. Pods raund, straight, light green; fleshy, tender, but somewhat stringy. 71 days. Lorge Packet, 10c.

Beans, Wax Podded, Pole KENTUCKY WONDER WAX-Very popular. Vigorous, good climbing plants, with waxy-yellow pods, flat and neorly stringless. Fleshy, brittle, somewhat fibrous. 65 days. Large packet, 10c.

Beans, Lima Dwarf or Bush BURPEE'S-Medium large plant. Slender pods contain 3 to 4 large seeds af excellent quality. 77 days. Large packet, 10c.

FORDHOOK—Straight pods with very plump, large beans of excellent quality. 75 days. Large packet, 10c.

HENDERSON'S—Known as Baby Lima, or sometimes Butter Bean. Excellent quality. Plants small, early and bushy. 65 days. Large pocket, 10c.

JACKSON WONDER or CALI-CO—A faithful cropper. Resists dry weather. 65 days. Large pocket, 10c.

#### Beans, Lima Pole

FLORIDA BUTTER BEAN - Dependable, popular, prolific. 78 days. Large Packet, 10c.

LARGE WHITE LIMA-Fine for home garden. Large, greenish-white beans. 88 days. Large Packet, 10c.

SIEVA, Carolina or Small White —Plant 10 to 12 feet tall, and bears over a long season. Medium green pods with three to four beans of excellent quality. 77 days. Large packet, 10c.

#### **BEETS**

CROSBY'S EGYPTIAN - Extra early, excellent for home gardens. Flattened globe shaped roots with small dark red tap roat. Excellent quality, tender and sweet.

DETROIT DARK RED-Long a favorite. Smooth, globular roots of deep ox-blood red—sweet and tender. 68 days.

EARLY BLOOD TURNIP - Medium early variety. Tops medium, somewhat coarse. Bright red. 65 to 70 days.

EARLY WONDER—Early variety that can also be used far fall planting. Semi-glabular raats, with small tap root. Tender, blood-red flesh.

#### VEGETABLE SEEDS

per large packet unless otherwise noted

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

STRING BEANS—are most delicious in their earliest stages, so always gather them when they are young and tender.

Too, the bearing season is prolonged when they are picked at frequent inter-

PEAS - should be picked when the pods are well filled out - but still crisp and bright green.

#### The Old Gardener says—

—do you know that garden Beans are the descendants of a wild plant that originally was a native of the American tropics?

The fine varieties of Beans we have for our use today are far removed from the original wild form. Since the earliest time, man hos cultivated the bean, and has greatly modified and improved the species.

Garden Beans are now classified into two groups—the Dworf or Bush sorts, and the Pole or Climbing kinds. The bush bean seems to be rather generally favored by the home gardener, because most varieties of this type mature 10 to 12 days earlier than the pole.

Exercise the greatest caution about cultivating or picking beans when the plants are wet with dew or rain. It is extremely possible to spread disease from plant to plant (if they are wet) with implements, or even clothing brushing past.

This nutritious vegetable is most delicious and tender if gathered when about two-thirds grown.

#### -about CABBAGE

Few crops pay back the cost of fertilizing as well as cabbage. Use a good commercial fertilizer that can be applied before planting—ond your crop will richly repay your efforts and expenditure.

Cabbage only grows well where there is some moisture and coolness; it can not stand extreme dryness or heat. Soil moisture must be adequate and conserved by constant cultivation.

#### -about CARROTS

This delicious, health-giving vegetable is supposedly developed from a wild weed — which long ago farmers believed grew only on badly managed land. Many important vegetable root crops and ornomentals, including the lovely Blue Lace Flower, are developments from this supposed "wild weed" that only grew on waste land years ago.

For excellence of flavor you want young, tender carrots—and to get them you must have rich soil that will develop the roots fast. Slow growing, old carrots ore only fit for stock feed.

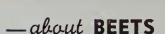
#### -about PEAS

The first spring activity in the vegetable garden should be the sowing of peas. The low varieties can be planted as soon as the ground can be worked. Taller kinds about 10 or 15 days later.

The garden pea is rich in nutritious values, containing vitamins A, B and C.







ANS—Kentucky Wonder Old Homesteod

Beets ore one of the easiest vegetables to grow. They do well in almost any kind of garden soil, but prefer a rich, sandy loam that is easily worked.

They are rich feeders, so the soil must be well fertilized in order to get the quick growth necessary for tender, juicy beets. Slow growth means tough roots.

It is always a good idea to sow beet seeds thickly, and then thin out the plants to allow proper root development. When plants are about 4 inches high, thin to 2 inches apart if you want many small roots, and to 51/2 inches if you want fewer and larger ones.

Make the rows 12 inches apart if you cultivote with a hoe, or wheel hoe. Cultivate deeply and often ot first, but carefully, so the young seedlings will not be disturbed:

#### -about CUCUMBERS

The best soil for growing Cucumbers is warm, sandy loam—especially if it has a slight southward slope.





#### VEGETABLE SEEDS

5¢

per large packet unless otherwise noted

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire EARLY CABBAGE—doesn't keep well after cutting, so gather it as needed.

Generally speaking, it is advisable to pull the plants or break them off—but if the cabbage is cut just below the head so that several leaves are left on the stump—new small heads will form that may be cut and used as greens.

LATE CABBAGE—should be harvested as late as possible, the outer leaves trimmed off, and the heads stored for winter use.

#### SWISS CHARD

LUCULLUS — Most popular Chard. Upright in growth, with yellowish-green curled, crumpled leaves. Thick, broad and light green stems. 50 to 60 days.

#### MANGEL WURZEL

MAMMOTH LONG RED—Very popular. 30 to 50 tons per acre. Roots grow half above the ground. Light red, flesh white with rose tinge. IIO days.

#### **BROCCOLI**

ITALIAN GREEN SPROUTING—Plant bears a succession of sprouting heads about 5 inches long, which, if kept cut, will be replaced by others for 8 to 10 weeks. Each sprout ends in an edible head of green buds. Large packet, 10c.

#### **BRUSSELS SPROUTS**

DWARF IMPROVED—Firm, thickset tender heads. Easily grown. Early, dependable. Large pkt., 10c. GOLDEN ACRE — Extra early Copenhagen type. Dwarf plants, small round solid heads. 6 inch, 3 pound heads. 63 to 65 days.

JERSEY WAKEFIELD — Popular early sort, with small conical heads, 7 inches long. Short stems. 5 inch, 2 to  $2\frac{1}{2}$  pound heads. 62 to 64 days.

#### Intermediate Varieties

ALL SEASONS—Medium season, good keeper, fine for kraut. Good cropper of excellent quality. 9 inch, 8 to 10 pound heads. 85 to 90 days.

ALL HEAD EARLY — Medium early, heads medium flat, solid. 7 inches deep. Good quality, heavy yielder and withstands heat. 78 days.

EARLY DWARF FLAT DUTCH—Good second early variety. Plants medium, very vigorous. Large, flat solid heads 6 inches deep. It to 12 inches in diameter. It to 12 paunds. 90 days.

PREMIUM LATE FLAT DUTCH—Extremely large flat heads, 61/2 to 7 inches deep. High quality, 10 to 11 inch, 9 to 11 pound heads, 95 to 105 days.

#### CHINESE CABBAGE

CHIHILI or IMPROVED PEKIN—Dependable, early heading. Solid, tapered heads, 3 to 4 inches thick, 18 to 20 inches long. 75 days.

PE TSAI—Sure heading and early. Cylindrical, tapering heads with dark green outer leaves. Very compact, white tinted with green, 15 to 18 inches long. 75 days.

#### **CARROTS**

CHANTENAY, RED CORED—A thick, stump-rooted carrot, slightly tapering. Flesh deep orangered. One of the best for market or canning. 72 doys.

DANVERS HALF LONG—Sweet and tender. Roots are 6 to 7 inches long, tapering to a blunt point. Fine for winter storage. 70 to 75 days.

IMPERATOR—Fine-grained, tender, excellent quality. Rich orange, indistinct core. Roots smooth, tapered to semi-blunt. 77 days.

LONG ORANGE—Heavy cropping kind for stock or garden. Roots taper to a point. Redorange flesh, core slightly lighter.

#### **CAULIFLOWER**

EARLY SNOWBALL — Favorite early variety. Pure white compact heads af fine flavor, 6 to 7 inches. 55 days. Large Packet, 10c.

#### CELERY

EASY BLANCHING — Second early variety. Compact, good keeper. Blanches readily. Thick, solid and good flavor. 125 days.



SWEET CORN

COUNTRY GENTLEMAN—Long, slender cob, packed, with slender, irregular "shoe-peg" kernels. Milky, plump, sweet white grains. 8 to 9 inch ears. 93 days. Large Packet, 10c.

STOWELL'S EVERGREEN—Well-known favorite. Standard for canners. 16 to 20 rowed ears. Holds condition well. Clear white, broad, kernels. Sweet and tender. 95 days. Large packet, 10c.

GOLDEN BANTAM IMPROVED
—10 to 14 rowed, larger ears
than regular Golden Bantam,
and more productive. Medium
wide, golden yellow kernels. 84
days. Large packet, 10c.

GOLDEN BANTAM HYBRID—10 to 14 rowed ears, slightly lighter than Golden Bantam, very uniform. Sturdy plants, highly resistant to Stewart's disease. Broad, vigorous leaves. 88 days. Large packet, 10c.

GOLDEN COLONEL—Identical in characteristics with regular Country Gentleman, except for its golden color. Kernels very deep, narrow, tender. 91 days. Large Packet, 10c.

#### Garden or Roasting Ear Corn

ADAMS IMPROVED or LARGE EARLY — Large-eared roasting variety, slightly earlier than Truckers Favorite. 12 to 14 rowed. Kernels white and tender when young. 70 to 73 days. Large Packet, 10c.

TRUCKER'S FAVORITE — Extensively used for roasting ears and shipping. Ears 12 to 16 rowed. Kernels white, fairly tender, and moderately sweet. 70 to 75 days. Large Packet, 10c.

#### POP CORN

SOUTH AMERICAN or DYNA-MITE—Large, late yellow variety with golden kernels, creamy white when popped. Ears 8 to 9 inches.

# Cucumber CUCUMBERS

**PICKLING**—Largest of the pickling varieties, also good for slicing. Largest of the pickling sorts. 59 days.

CLARK'S SPECIAL, w.s.—Handsome, very dark green 21/4 pound fruits. Slightly tapered ot both ends. Flesh crisp, firm, holds color and firmness. Few seeds. 63 doys.

DAVIS PERFECT, w.s.—Midseason. Dark green, 2 pounds, tapered fruits. 9 to 10 inches long. Firm, crisp. 65 days.



# abbage Standard Early Varieties

COPENHAGEN MARKET — Excellent, early short season type. Short stems,  $6\frac{1}{2}$  inch,  $3\frac{1}{2}$  to 4 pound heads. 65 to 70 days.

CHARLESTON WAKEFIELD — Heart-shaped heads nearly a week later than Jersey Wakefield and half again as large. 7 to 8 inches long. 70 to 75 days.

#### Late or Winter Varieties

DANISH BALL HEAD or HOL-LANDER—A widely used late type. Deep, round, hard, compact heads, 7 to 8 inches, 6 to 7 pounds. Tender and crisp, fine for kraut. 100 to 105 days.

MAMMOTH RED ROCK — Best of the red cabbages. Hard, round, purplish-red heads. Good keeper. 6 to 8 inch, 7 to 8 pound heads.

PERFECTION SAVOY—Best Savoy for general use. Keeps well. Large 7 inch, 6 to 7 pound heads. 90 days.

GOLDEN SELF BLANCHING, DWARF — Compact plants with yellowish green foliage. Broad solid stalks with nutty flavor. Blanches readily, 120 days.

#### COLLARD

CABBAGE COLLARD — Combines qualities of cabbage and collard, but finer flavored than either.

SOUTHERN OR GEORGIA—An excellent cooked green. Long stemmed plant, with clustered leaves. Withstands heat and bad soil. 24 to 36 days.

### World's Greatest Health Bargain!



The best health insurance you can buy for your family costs only the few cents you spend for vegetable seeds . . . plus a little time spent in the enjoyable hobby of gardening.

Home grown vegetables are not only fresher and more choice than stare-bought ones—they are mare nutritious. Many are rich in vitamins —and when they are picked fresh from your own vines, and quickly bailed, they retain their body-building values so much better than the kinds that sometimes lie in grocer's bins for days.

Leafy, crisp salad greens—when growing just outside your kitchen door—are just a few moments from the ground to your mouth. Sweet corn, deliciously steam cooked, is on your table in a half hour after it's been pulled, and the milky, sweet kernels have oll their nourishing

Grow your own good health! No matter if you just have room for a "Kitchen size" plot, your gracery bills will be lower this summer—your family heartier—and you'll have fun doing it!

#### This year, enjoy plenty of FRESH Sweet Corn

ing the seed overnight or by sprouting it for a week before

Many home gardeners prune their vines by cutting out the shoats from the leaf axils, thinking this will give them better and mare abundant fruit. It has, however, been repeatedly proven that such pruning is a waste of time, because it doesn't accomplish these

must be grown rapidly in what is known as "quick soil." This means friable ground, well drained, in which there is constant moisture and an abundance of plant food.

Seed germinates slowly. Needs cantinuous warm weather for best results. Shode young plants from

CHINESE



CUCUMBERS, Cont'd

EARLY FORTUNE, w.s.-Medium deep green fruits, 13/4 pounds. Fine for slicing. 8 inches. 63

**EVERBEARING**, b.s.—Small, very early. Used for pickles. Fruits weigh 11/4 pounds. 55 days.

IMPROVED LONG GREEN, b.s —Standard late variety for the home garden. 3 to  $3\frac{1}{2}$  pound deep green fruits. 12 to 13 inches. 70 days.

STRAIGHT EIGHT, w.s.—Attractive variety. 21/4 pound fruits, rounded at ends, medium green. 68 days.

LONG ISLAND MAMMOTH-Used for flavoring. Flat seeds have strong, bitter flavor.

#### EGGPLANT

BLACK BEAUTY - Large, eggshaped, smooth, very dark purple fruits. Hold well after picking. Plant bears 4 to 5 fruits. 80 days.

NEW YORK IMPROVED SPINE-LESS—A goad, standard variety. The spreading, spineless plant bears 4 to 8 fruits. Glossy blackpurple. 83 days.

#### ENDIVE

BROAD LEAVED BATAVIAN (Escarolle)—Leaves toothed and twisted. Plants 16 inches in diameter. Compact heart, blanches to creamy white. 90 to 95 days.

GREEN CURLED RUFFEC-Plants 16 to 18 inches in diameter. Fine fall variety. White, tender and fleshy. Blanches readily, 95 days.

#### KALE or BORECOLE

DWARF GREEN CURLED-Hardy, large and very attractive bright, deep green. 55 days.

DWARF CURLED SIBERIAN -Large, vigorous, spreading plant. Caarse large leaves, plain at center. Cut, frilled edges. Deep bluish-green. 65 days.

#### KOHL RABI

WHITE VIENNA EARLY—8 to 10 inch leaves an slender stems. Bulbs 2 ta 3 inches, globular, light green. Crisp, tender, clear white flesh. 55 to 60 days.

PURPLE VIENNA - Desirable early variety. Dwarf plant, purple stems and veins. Bulbs glabular, purple, with white, tender flesh. 60 to 65 days.

#### LETTUCE Heading or Cabbage

BIG BOSTON, w.s.—Favorite variety. Large, solid heads of fine quality. 76 days.



#### MUSKMELON AND CANTALOPE

#### Green Fleshed

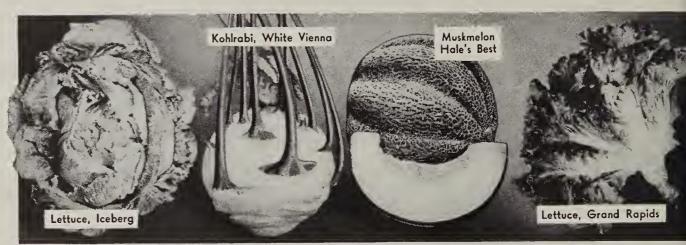
EDEN GEM-Round shaped, 21/2 paund, heavily covered with fine netting, without ribs. Flesh green, tinted salman at center. Excellent quality. 88 days.

IMPROVED PERFECTO-Roundish fruit, 21/2 pounds. No ribs. Completely covered with hard grey netting. Thick salmon, sweet, juicy flesh. 92 days.

#### Fall and Winter Varieties

HONEY BALL—Small round 31/2 paund fruit. Yellowish-white, smooth, with fine netting. Juicy, sweet, grey green flesh. 105 days.

HONEY DEW - Well-known, smooth skin variety, with honey sweet light green flesh. Spicy, sweet. 112 days.



ICEBERG, w.s.-Late, large variety. Compact heads, crumpled, crisp and sweet. Leaves light green, slightly brown at edges. 84 days.

NEW YORK WONDERFUL or LOS ANGELES — Large heads, well blanched, sweet and tender. 80 days.

#### Loose Leaved

GRAND RAPIDS, b.s. — Erect, campact, plants. Light green, broad, heavily fringed leaves. Far forcing, or early planting outside. Very popular.

CHICKEN - Produces largest amount of leaves of any lettuce. Fast-growing. For paultry and rabbit feeding.

EXTRA EARLY HACKENSACK-Well-known first early sort. Fruits large, globular, flattened; weigh 2½ pounds, with thick, good quality green flesh. 80 days.

POLLOCK 10-25—A variety of Rocky Ford strain. Nearly round, 21/2 pound fruit. No ribbing. heavy grey netting. Thick, salman colored flesh, green taward rind. Spicy. 93 days.

ROCKY FORD — Fruits small, rather large seed cavity. Nearly round, weigh  $2\frac{1}{2}$  pounds. No ribs, heavily covered with hard grey netting. Flesh thick, green, with gold tinge at center. Juicy, spicy, good quality. 92 days.

Orange or Salmon Fleshed HALE'S BEST NO. 36-Outstanding early oval fruit, light ribbed, heavily netted. Thick, salmonorange flesh. Sweet. 80 days.

HEARTS OF GOLD or HOO-DOO—Nearly round 2 paund fruit, distinctly ribbed, deep green, fine grey netting. Thick, deep salmon flesh, tender, sweet.

BANANA—Fruits smooth, slender, resembling a banana. Weigh 6 to 8 pounds, flesh salmon, banana-like flavor. Good for late planting, 90 days.

HONEY ROCK or SUGAR ROCK-Round, 4-paund fruit. Grey-green skin, caarse netting. Orange-salmon, thick flesh, fine flavor. 85 to 95 days.

#### WATERMELON

DIXIE QUEEN - Very prolific. Bright red, crisp, splendid quality fibreless flesh. Very few small, white seeds. 85 days.

GEORGIA RATTLESNAKE-Also called Gypsy. Productive main crop variety. Long, large, grey-green fruits with dark green stripes. Tough rind. Flesh bright pink, sweet. Seed dull white with black tip. 90 days.

STONE MOUNTAIN - High quality shipping variety, popular in Northern markets. Highly desirable for garden planting. Fruits very large, oval-round, blunt ends. Dark green, tough rind. Flesh rich scarlet, fine grained, sweet. Few seeds. 90 days.

TOM WATSON — Outstanding red heart strain. Large uniform, cylindrical, with tough, elastic rind, faintly veined. 90 days.

WONDERMELON or KLECK-LEY'S SWEET—Large, cylindrical, slightly ribbed fruits. Deep red. juicy, sweet flesh, white seeds. 85 days.

EARLY KANSAS. IMPROVED IRISH GRAY.

#### **MUSTARD**

CHINESE BROAD LEAVED -Large, oblong, slightly crumpled leaves, scalloped at edges. Medium green, vigaraus plants.

SOUTHERN GIANT CURLED LONGSTANDING—Large, frilled and crumpled. Light green.

MUSTARD SPINACH or TEN. DERGREEN-Wholesome, quickgrowing green, combining mustard and spinach flavors.

#### VEGETABLE SEEDS

per large packet unless otherwise noted

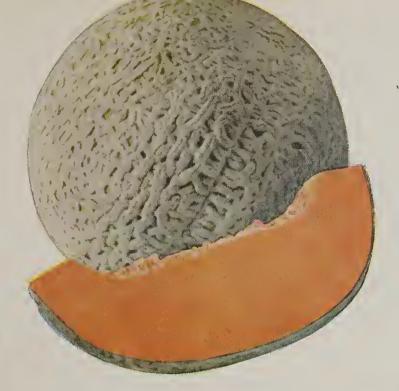
Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

#### Harvesting Cucumbers

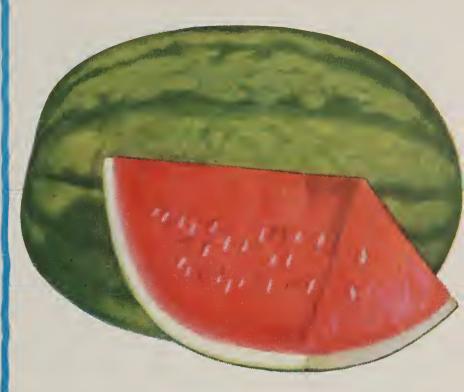
For small pickles, (gherkins) cucumbers should be gathered when only 2 or 3 inches long - about six weeks after sowing. For "dill" size pickles, they

should be 4 to 6 inches

FOR SLICING—they are best when plump and cylindrical—but before they bulge in the middle or develop a yellow tinge at the blossom end.



MUSKMELON—Rocky Ford



WATERMELON-Dixie Queen

#### The Old Gardener says —about CANTELOUPE

Nothing is more delicious than a sweet, ripe melon that is "just right" for eating. You con't get them ot the store, because melons shipped for the markets are usually gothered too immoture, and the chill of refrigerotor cors make it impossible for the notural flovor to develop.

Even when you grow melons in your own garden you must watch for the proper time to gather them. The signs that tell an experienced eye when o melon is "reody" are rather difficult to describe, but con be recognized with a little practice.

First, examine the stem ends of the fruit. If no crocks oppear around the stem union, the fruit is too immoture to gather. Woit until crocks show all around the stem ond

the fruit has a certain color ond a sort of "glisten" that you'll come to recognize.

Don't let the fruit ripen too fully on the vine, as this impairs the flovor.

After gothering, keep the melons in a worm place for a doy or two before eoting, and you'll hove wonderful "just right" fruit.

#### \_about ONIONS

Wherever possible, onions should be grown from seed, because this method produces a much better quality of onion.

Dry onions, produced from sets, ore usually of rother poor quality, and don't keep well. Green, or bunching onions, can be grown from sets or multiplier bulbs, and the home gardener generally uses sets for the earliest green onions. However, better quality is gained when onions are grown from seed.

Onions need well-droined, rich soil.





ENDIVE-Green Curled Ruffec







Okra, Dwarf Green

#### OKRA OR GUMBO

DWARF GREEN—Early, prolific dwarf growing. Dark green, fluted, 5 to 7 inch pointed pods. 50 days.

PERKINS MAMMOTH—Medium early, productive. Meaty, slender, tapered 7 to 8 inch ribbed pods. 56 days.

WHITE VELVET—Early and pralific. Pods pale greenish-white, 6 to 7 inches. Meoty, tender. 60

## nions

#### Yellow Varieties

PRIZETAKER — Large, globe shaped bulbs, with glossy, thin straw-colored skin. Coarse, mild flesh. 102 to 104 days.

RIVERSIDE SWEET SPANISH-Glossy, light yellaw, glabe-shaped bulbs, 4 to 6 inches in diameter, often weighing pounds each. Ripen easily, sparkling white flesh, mild and sweet.

YELLOW BERMUDA—Very early, medium sized, flat. Straw colored, thin, loose skin. Flesh nearly white, mild and sweet. 92 to 94 days.

YELLOW GLOBE DANVERS -Medium late, hardy. Good cropper, fine for storage. Medium large, firm, solid, round bulbs. White, yellow toned flesh. 112 to 114 days.

SOUTHPORT YELLOW GLOBE —Globe shaped, medium to large. Salid, rich yellaw, tough, clinging skins. Creamy white flesh. 114 days.

#### Red Varieties

GENUINE RED CREOLE-Desirable, highly productive variety for the South. Bulbs large, semiglobular, reddish in calor. solid, fine grained, distinct flavor. Good keeper, holding well in storage. 112-115 days.

RED WETHERSFIELD - Popular, good keeper, used extensively for sets. Large, flat, but thick. Fine grained flesh. 100 to 102 doys.

#### White Varieties

CRYSTAL WAX BERMUDA — Sometimes called White Bermuda. Bulbs flat, medium-sized, clear white. Flavor delicate and mild. 92 to 94 days.

WHITE PORTUGAL or SILVER-SKIN-Excellent flat variety. Dependable cropper, excellent for sets, for green bunching, or os a pickler. 100 to 102 days.

#### ONION PLANTS

Sturdy, hardy plants that come to you all ready to set out. Ask for latest prices.

#### ONION SETS

The quickest way to get onions early—the easy way to grow large onions. We offer choice, select, dry sets, of the highest quality.

#### **PARSNIP**

HOLLOW CROWN or GUERN-SEY—The most generally grown kind. Roots 2½ to 3 inches thick at shaulder, 12 to 14 inches long, uniformly tapered, hollow crowned. 95 days.

#### **PARSLEY**

DOUBLE CURLED-Dwarf, with finely cut, dark green leaves. Excellent for garnishing.

MOSS CURLED or TRIPLE CURLED—Compact, dark green leaves, curled and fine-cut, resembling moss. Fine for garnish.

PARAMOUNT—Recent introduction of triple curled type. Dark green, 12 inches tall; stout stems for bunching.

PLAIN OR SINGLE—Leaves dark green, flat, deeply cut, but not curled.

#### Smooth Seeded

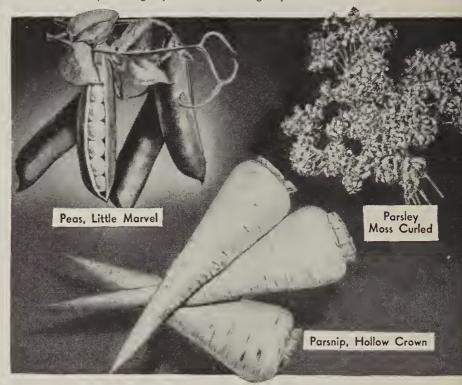
ALASKA-Wilt resistant. Used for canning and early home garden. Blunt, straight, light-green, 3 inch pods with 6 to 8 good quality small peas. Plants 32 inches. 60 days. Large pkt., 10c.

THOMAS LAXTON-Hos no superior as early pea of medium height. Strong vine bears numerous dark green, blunt ended pods, 4 to 4½ inches. Retains flavor and sweetness. 57 days. Large Packet, 10c.

WORLD'S RECORD - An improved earlier Gradus. Mediumheavy 24-26 inch vine. Braad, plump, medium green pods with 7 to 8 large tender peas. 61 days. Large packet, 10c.

Mid-Season and Later EVERBEARING — Long season, wilt resistant, sweet flavored, marrowy peas. Pads plump, blunt, straight. 32 inch vine. 76 days. Large packet, 10c.

DWARF TELEPHONE or DAISY —Prolific, resists wilt. Vines about 2 feet, but otherwise resembles telephane. 79 days. Large packet, 10c.



WHITE MARROWFAT—The light green, coarse vines grow 5 feet tall. Pods plump, blunt, straight, light green, about 3 inches lang. Very productive. 81 days. Large Packet, 10c.

EXTRA EARLY PEDIGREE—Earliest strain. Hardy, productive, about 2 feet high. Well filled 21/<sub>2</sub> inch pads. 50 to 60 days. Large Packet, 10c.

#### Wrinkled Seeded Early and Second Early

LAXTONIAN—Exceptionally choice and prolific. Dark green, rather coarse vines, producing straight pointed, well-filled 41/2 inch pods. 62 days. Large Packet, 10c.

LAXTON'S PROGRESS—Medium dark green vine, 16 to 18 inches. Single pods almost an inch wide and  $4\frac{1}{2}$  to 5 inches long, with 7 to 9 large peas. Seeds are cream and green. 62 days. Large packet, 10c.

LITTLE MARVEL — Outstanding dwarf. Fine quality, large yield. Single and double, dark green. 3 inch pods—blunt, plump, well filled with 7 to 8 medium sized, light green tender peas. 62 days. Large pocket, 10c.

GRADUS—Alsa called Prosperity. Stocky 36 inch vine. Single, broad, plump, 4 inch pads, pointed ond medium-green. 8 to 10 delicious, large, sweet peas. 60 to 65 days. Large pkt., 10c.

TALL TELEPHONE, Dark Podded —A standard, mid-season favorite, high quality. 74 days. Large packet, 10c.

#### **PEPPERS**

#### **Sweet Varieties**

CALIFORNIA WONDER - Outstanding medium late. Uniform, deep-green, smooth fruit, changing to crimson. 75 days.

PIMENTO - Excellent for canning or stuffing. Smooth, heart-shaped, very thick flesh. 73 days.

RUBY KING-Abundant, tapering fruit, dark-green changing to ruby-red. 69 days.

WORLD BEATER-One of the best large peppers. Glossy-green changes to bright red. Mild, very sweet, thick flesh. 70 to 75

#### **VEGETABLE**

#### SEEDS

per large packet unless otherwise noted

Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire

#### Planning the Vegetable Garden

To get better crops, plant your rows to extend North and South, because in this way, they receive a more even distribution of sunlight.

The reason for this is,  $\alpha_s$ the summer sun moves east to west, it shines on both sides of north-south rows, but only on one side of east-

On a slope—run the rows to follow the contour of the slope - not straight across. This prevents erosion and

BULL NOSE or LARGE BELL— CRIMSON GIANT—Lorge round, Early fovorite. Smoll, productive plant. Blunt fruit 3 by  $2\frac{3}{4}$ inches. Deep green to scorlet red. Ribs pungent, flesh mild. 64 doys.

CHINESE GIANT — Extremely large, ottroctive, sweet pepper. Fruits pendont, squore ended ond slightly crumpled. 80 doys.

#### Hot Varieties

LONG RED CAYENNE—The hot fovorite. Used for conning, pickling, drying. Pungent flovared topering ond twisted. 70 doys.

RED CHILI-Low, spreoding, 18 inch plont. Extremely pungent fruit,  $2\frac{1}{2}$  by  $\frac{1}{2}$ , conicol. 82 doys.

TABASCO PEPPER - Very lote, extremely hot voriety, for pickles I to  $1\frac{1}{2}$  inches. Deep crimson, white, firm flesh. 28 doys.

EARLY SCARLET GLOBE, ME-DIUM TOP - Roots globular, very slightly elongated, bright scorlet. 24 days.



Long Black Spanish Radish

VEGETABLE

SEEDS

per large packet

unless otherwise

Ask for latest prices on vegetable seeds IN BULK

in any quantity you may desire

noted

LONG BLACK SPANISH-7 to 10 inch roots. Block skin, solid white flesh. Late ond very hordy. 55 to 60 dovs.

Fall and Winter Varieties

ROSE CHINA WINTER—Populor winter sort. Cylindrical, blunt, bright rose-red. Flesh white, very firm and pungent. 52 doys.

#### SALSIFY

MAMMOTH SANDWICH IS-LAND—A reolly palatoble and nutritious vegetoble when cooked. Flovor is remorkably similar to oysters.

#### SPINACH

BLOOMSDALE SAVOY, LONG STANDING—A few doys loter thon regular Bloomsdale Sovoy. Holds from 12 to 14 doys longer. 42 days.

IMPROVED OR GIANT NOBEL -Lorge, vigorous, spreading plant, slow to form seed stolks. Extremely heovy yielder. Very lorge, thick, smooth, deep green, tender leoves. 45 doys.

NEW ZEALAND—Thrives in dry, hot weother. Can be picked repeotedly oll seoson. Not o true spinach but similor when cooked. 70 doys.

VIRGINIA BLIGHT RESISTANT (Savoy)—Upstonding, vigorous plonts. Seed rother early. Highly desiroble for planting in infested

what smoother than other Savoy stroins. 39 doys.

CARROTS, RADISHES and

BEETS — (the early root

crops) are finer in flavor

and texture if gathered as

soon as they reach the

This, too, is the time when

they are best for canning

Your late root crops can,

however, be left in the ground until far into au-

tumn. Some, such as Parsnips and Salsify, are improved after some freezing.

praper size for eating.

purposes.

BLOOMSDALE SAVOY RESELECTED — First eorly, vigorous voriety, desirable for home gordens ond for canning. Plont erect, uniform, hordy. Leoves lorge, crumpled, somewhot blistered, dork glossy green. Seeds foirly early. 39 days.

#### **SQUASH**

#### Summer Varieties

EARLY PROLIFIC STRAIGHT-NECK — Eorlier, smoller, ond more productive than Giant Summer Stroightneck, and more uniform. Brilliont yellow. Fine for home or morket.

EARLY SUMMER CROOKNECK -Fruits curved at neck, weigh 3 pounds, light yellow, moderately worted. 53 to 55 doys.

EARLY WHITE BUSH SCALLOP -Fruits greenish when young, become white ot moturity. 3 inches long,  $7\frac{1}{2}$  to  $8\frac{1}{2}$  inches wide. 53

GIANT SUMMER CROOKNECK -Pralific, bush type plont, curved neck fruits oround 4 to 5 pounds, 20 to 24 inches long. 4 to 5 inches in diameter. 56 doys.

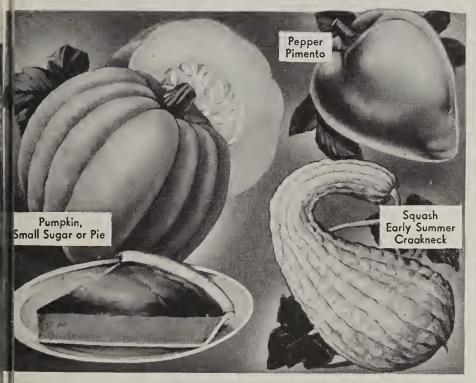
ZUCCHINI—Stroight, cylindricol fruit, 3 to 4 pounds, 4 to 5 inches through, 10 to 14 inches long. Mottled and striped green-creamgrey. Firm, delicate flovored flesh. A bush type plant. 60 doys.

GIANT SUMMER STRAIGHT-NECK-Unsurpossed for eoting. Similor to Eorly Summer Crook-neck, but fruits ore lorger. 55 doys.

Fall and Winter Varieties

IMPROVED HUBBARD - Fruits weigh 10 to 12 pounds, pointed ot both ends, slightly worted, dork branze-green in color. Rind hord and tough, flesh very thick, orange-yellow, dry ond sweet. Troiling vine. 105 doys.

TABLE QUEEN or DES MOINES —Ribbed, ocorn shaped, smooth, thin shelled, dork green. Light yellow flesh bokes well. 58 doys.



ond pepper souce. Smoll, topering, smooth fruits. 90 to 95 days.

#### PUMPKIN

KENTUCKY FIELD or LARGE CHEESE - Dull oronge, large, ribbed fruit. Coorse, deep yellow flesh, good flovor. 120 doys.

SMALL SUGAR or NEW ENG-LAND PIE-Desiroble for pie or general use. Round, flat end fruit, deep oronge. Thick, yelloworonge flesh. 118 doys.

STRIPED CUSHAW - For stock feed. Crook-necked, 11 pounds, white ond green striped, thick, coorse yellow meot. 112 doys.

KING OF THE MAMMOTH -Lorgest of oll Pumpkins. Valuoble for stock feeding and exhibition purposes. Fruits globulor, slightly ribbed, flottened, weigh 60 to 90 pounds. Flesh solid, yellow-oronge, coorse, but of good quality, 120 days.

### adish

GLOWING BALL - Perfectly round, fiery scorlet early rodish. Spicy flavor. 24 doys.

EARLY SCARLET TURNIP WHITE TIPPED — Cormine red with white tip. Flesh white, crisp ond mild. 26 days.

LONG SCARLET, SHORT TOP-Smooth, 5 to 6 inch roots, dork scorlet. Smoll tops. 27 days.

WHITE ICICLE—Topering roots 5 to  $5\frac{1}{2}$  inches, very white with pure white, mild flesh. 27 doys.

FRENCH BREAKFAST — Roats thicker toward bottom, 11/2 inches long by  $\frac{1}{2}$  to  $\frac{3}{4}$  inches. Dull scorlet, white tipped. 25 days.













#### \_about RADISHES

The secret of getting crisp, delicious rodishes is quick growth. So use plenty of plont food in the soil where they are planted.

This is undoubtedly the eosiest of all vegetables to grow; the seeds germinate in a few doys, and are ready for eating in 3 to 5 weeks.

All through the plonting seoson, o succession should be sown every 10 doys, so that you may have plenty of mild, tender radishes for relish and solads all through the season.

#### -about WATERMELON

Your watermelons are ready to pick when they lose that "green as gross" look, the whitish bloom, and when the rind is so hard that it can scorcely be dented with a fingernail. There are several other signs that advertise a watermelon's maturity. The tendril on the vine just apposite the fruit stem should be

blockened and dry. The underside of the melon hos o creamy color, and when you give the melon o thud with your finger, you'll get o tinny "plink" if it is ripe, and a dull, thuddy "plunk" if it is green.

You'll come to recognize these indications after a little experience, and checking your judging obility by "plugging" o few specimens while growing on the vines. If the flesh at the opex of the plug is whitish, the melon is still green and the plug should be replaced. If it is red, or aronge, a toste will convince you that it is ready for the dinner table.

#### -about PEPPERS

Alwoys, when gothering peppers, cut them with o knife, leoving only o short piece of stem, rother than run the risk of injuring the plant by pulling them off.







## Tomato

#### Early Scarlet Fruited

BREAK O' DAY — Resistant to wilt and nail-head rust. Plant light, of open, spreading habit, with medium foliage, early and very prolific. Rich scarlet medium large, globe-shoped fruits. 70 days.

EARLIANA — Open, spreading, medium small vines. The bright red fruits run to medium size. This seed is selected for thick, smooth fruit. 66 days.

SCARLET DAWN—Medium, prolific vine. Fruits medium large, globular, smooth, free from flat sides, bright scarlet, ripening well to stem. For home garden, early canning. 70 doys.

#### TOMATO

#### Intermediate Scarlet

BONNY BEST EARLY or CHALK'S EARLY JEWEL—Good for canning. Plants are open and medium-high. Fruit is scorlet, flattened-glabe shaped. Medium large ond very prolific. 74 days.

MARGLOBE — Moderately productive, with heavy foliage. Vigorous, and resistant to wilt and rust. Medium large, nearly round, smooth, and solid. Deep red. 77 doys.

PRITCHARD or SCARLET TOP-PER—A cross between Marglobe and Cooper's Special, developed by U. S. Department of Agriculture. Large, solid, smooth, round fruit, with thick walls. Rather light scarlet. 73 days.

STONE—The great canning tomato. Deep rich red, large fruits, uniform and smooth. Solid, mildly acid. 80 to 85 days.

#### TOMATO

#### Pink and Yellow Fruited

BRIMMER — Exceptionally large fruited variety for home gardens. Vine large with deep green leaves. Enormous fruits, quite uniform, flat, dark pink, coreless and solid. Mild in flavor, good for slicing. 90 days.

DWARF CHAMPION—Desirable where space is limited. Plant dwarf tree type, dark green leaves. Fruits medium, smooth, solid, pink, globular, flattened. 86 days.

GULF STATE MARKET—Vine vigorous, rather open, medium height. Fruits medium large, globular, purplish pink, thickskinned, very solid. 80 days.

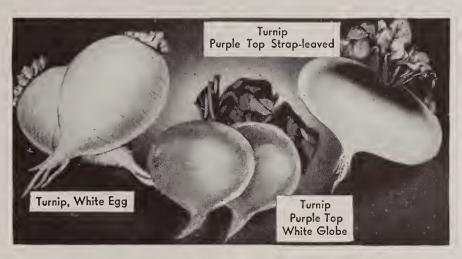
JUNE PINK — Earliest of pink fruited varieties, heavy bearer. Vine open, spreading, rather short. Fruits medium size, flattened, smooth, purplish pink. Sometimes called Pink Earliana. 69 days.

LIVINGSTON'S GLOBE—A well-known variety. Plants heavy-bearing, strong, densely foliaged. Full, round fruit, which ripens evenly to a purplish rose. 82 days.

tops. Smooth, globe-shaped roots, purple-red above, white below. Sweet, tender, crisp white flesh. 50 to 60 days.

WHITE EGG — Cut leaved, medium sized, upright tops. Egg shaped roots, all white. Smooth grained flesh. 55 to 60 days.

PURPLE TOP, STRAP LEAVED— Medium early gaad cropper. Medium upright tops. Flat roots,



OXHEART — Open, spreading, moderately productive vine. Fruits extremely large, somewhat rough, heart-shaped and pink. Solid, mild flovored. 90 doys.

PONDEROSA—One of the lorgest. Spreading large vines. Solid, fine flavored, with small seed cells. Somewhat rough and flat. Have a tendency to crack. 88 days.

#### TOMATO

#### Small Fruited

YELLOW PEAR — Valuable for preserving, and as novelty. Small, cherry-like fruits, borne in heavy clusters. 73 doys.

#### TURNIPS White Fleshed

EARLY WHITE FLAT DUTCH— Very early. Strap leaved. White, flat roots. Fine-grained and sweet. 46 days.

AMBER GLOBE—Chiefly grown for stock, but used for table when young. Tops large, cut leaved. Roots round, large, smooth, globe-shaped, light yellow with green top. Flesh yellowish white, of good quality. 76 days.

LONG WHITE COWHORN— Tops large, upstanding, deeply cut leaves. Roots 12 to 15 inches long, tapering, often crooked, white with light green top. Flesh tender, and mild flavor. 70 days.

**PURPLE TOP MILAN** — Very early, and popular. Flat purpletopped roots of mild flavor. 42 days.

PURPLE TOP WHITE GLOBE—All purpose variety. Large, sweet

shoded purple on top. Tender, fine grained flesh. 46 days.

#### Foliage Turnip

**SEVEN TOP**—Far greens or forage. Young shoots extremely tender. Roots tough, undesirable for food.

SHOGOIN or JAPANESE FOLI-AGE—Recently introduced and rapidly gaining popularity. 18 to 20 inch bright green tops, strap leaved. Roots are semi-round, and white. Very mild and tender.

Rutabaga or Swede Turnip

AMERICAN PURPLE TOP—

Hardy and productive. Tender,
firm, light yellow, sweet flesh. 88

days.

EARLY NECKLESS — Resembles American Purple Top, but with medium top and very small neck. Roots large, flattened globe shape. Yellow with purple top. Flesh yellow, firm, excellent quality. 84 doys.

#### Winter Storage for Vegetables



Muny vegetables can be kept for use during winter by proper storage. It is often cheaper and easier to store than to cun them and, with some varieties, the stored quality is better than that of the canned product. Successful storage depends upon (1) selecting vegetables of good quality; (2) picking them at the proper stage of maturity; (3) having the proper temperature and the right degree of humidity in the storeroom.

The desirable stage of maturity vuries with the crop. Cabbage, onions, squashes and pumpkins will not keep well unless fully matured. Beets, carrots, parsnips, turnips and salsify should not be ullowed to become fully matured, as they are likely to become woody.

Best storuge conditions can be summarized thus: cool and moist—beets, carrots, salsify, turnips, winter radishes and celery; cool and moderately moist—cabbage and potatoes; cool und dry—onions and dry beans; warm and dry—squashes, pumpkins and sweet potatoes.

All these except dry beans, onions, squashes, pumpkins and sweet potatoes muy be kept in the same storage room if the cabbages ure on shelves and the potatoes are in slatted crates or bins. The best temperature for most vegetable crops is just above freezing, i.e. 32° F. If potatoes are included, the temperature should not go below 34°. A basement without a furnace is ideal. If the house has a concrete basement with a furnace, then a room protected from the furnace heat is necessary.

Temperature can be maintained in a storage cellar by opening and closing windows. A dirt floor is best and, if humidity is low, water can be sprinkled on the floor. Root crops can be stored in boxes of sand or soil in the busement and kept just moist.

Small quuntities of vegetables can be stored outdoors. A handy way is to sink u box or barrel about half its depth in the ground. Put the vegetables in and put on top of them a mattress cover made of burlap bags stuffed with straw. Cover over with a 6-inch layer of clean straw or leaves and then cover this with dirt to hold in place.

#### VEGETABLE SEEDS

59

per large packet unless otherwise noted

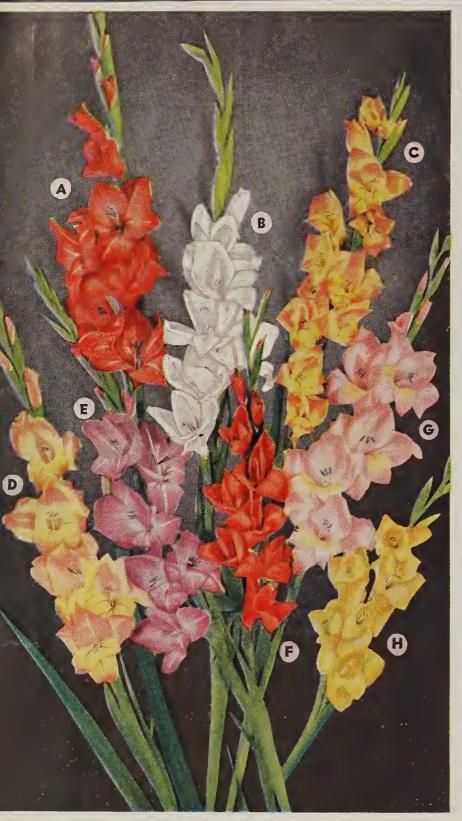
Ask for latest prices on vegetable seeds IN BULK in any quantity you may desire Every Child Should Have A Garden All His Own

A child's garden should be a small, easily worked, fertile plot, where plants will thrive with just ordinary care. The varieties of seeds he plants should be chosen for quick growth and hardiness.

If his first attempts are successful (and you should see that they are) he'll develop a love of gardening—and learn the invaluable lesson of looking ahead, and patiently awaiting the results of his efforts.

If you want vegetable seed varieties not listed on these pages — ask us, we'll get it for you.

#### GLADIOLUS...the best selections on the list





DR. F. E. BENNETT. (A) Peachred, flame scarlet throat, speckled ruby and creamy white.

**PEACE.** (B) White with pale lilac on interior of petals.

ORANGE QUEEN. (C) Deep apricat and orange.

BETTY NUTHALL. (D) Caral, yellow, orange. Large, strong spikes. CHARLES DICKENS. (E) Favarite wine-purple.

VIRGINIA. (F) Gargeous scarlet. GIANT NYMPH. (G) Light salmon-pink. One of the best.

GOLDEN DREAM. (H) Pure, clear, golden-yellaw.

**BERTY SNOW.** (I) An exhibition glad. Exquisite orchid.

#### Attractive Prices ON BULBS!

All bulbs shown on these two poges ore ovailable at very reosonable prices—at our store or by moil. ASK FOR THE LATEST PRICES—on any quantity or combination you may wont. And be sure to see our SPECIAL COLLECTION OFFERS!

APRICOT GLOW. (J) Clear, soft

SOUTHERN CROSS. (K) Large dark rose. One of the best new varieties.

BAGDAD. (L) Smoky old rose. Very popular.

W. H. PHIPPS. (M) Most popular pink. Giant flowering.

VEILCHENBLAU. (N) Fine violet blue flowers. Pansy purple splatch. ALBATROSS. (O) New giant pure white.

PICARDY. (P) Immense flowers. Pink, apricot, flame.

COMMANDER KOEHL. (Q) Big, dark red. Best in this color.
GOLD EAGLE. (R) Deep, golden

yellow.
MRS. LEON DOUGLAS. Begonia-

rase, flame scarlet, pale lemon, speckled with ruby.

MINUET. Beautiful clear light

MINUET. Beautiful, clear light lavender. Heavily textured blooms. PFITZER'S TRIUMPH. Orange-salmon, velvet-red throat.

MRS. FRANK PENDLETON. Rose pink. Throat blotched, deep red.



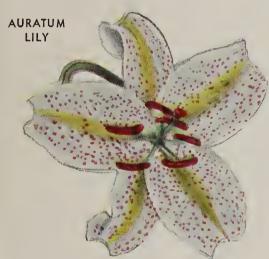
FANCY-LEAVED CALADIUMS. Few summer foliage plants can equal the fancy leaved Caladiums for rich, beautiful color and dramatic effect. Semi-tropical bulbs. Frequently used for porch boxes and pots.

**ELEPHANT'S EAR.** One of the largest ornamental foliage plants for beds and borders. The huge green leaves give a most unusual effect. Try it as a border for tall Cannas, and edge with low-growing foliage plants.



#### **TUBEROSES**

One of the most frogront of all flowers. Tall spikes of double waxy blooms—borne on tall stems. One of the loveliest flowering bulbs. Spearshaped, grass-like foliage. Annual replacement frequently advisable.



#### LILIES

AURATUM. The gold-banded Lily of Japan. Flowers from 8 to 10 inches in diameter. White, chocolate crimson spots, with a gold band on each petal.

**RUBRUM.** A hardy, beautiful Lily. Flowers are white, flushed pink, and spotted carmine.

**REGAL.** Trumpet shaped, white flowers, slightly pink tinged. Canary yellow centers. Very hardy.

**HENRYI.** Rich apricot to orangeyellow. Stalks 5 feet or more carry many huge flowers on each.

PHILLIPINE. Flowers often as much as 6 or 7 inches long. Fragrant, elegant, and graceful. White, slightly marked with reddish-brown.

**TIGRINUM.** Easiest to grow, and best known of all Lilies. Orange-red flowers, spotted purple.

CALLA LILY. Rich, lustrous, goldenyellow flowers, with creamy white spots. Distinctive, dork green foliage.

#### DAHLIAS..prize winning varieties



POMPON DAHLIAS. Charming, "button" dahlias that have long been favarites with flower lavers, and justly deserve a place in every garden. They grow freely, require little care after planting—but reward you with a wealth of gorgeous cutflowers all during summer and fall.

In MAUVE, PINK, RED, WHITE, BRONZE, YELLOW.



JERSEY BEACON. Enormous flowers of Chinese scarlet with a

lighter reverse. Long, strong,

OMAR KHAYAM. Chinese red, shading to bright orange, with paler tips. Flowers often 10 inches.

stems.

#### CANNAS

KING HUMBERT. Gigantic flowers, brilliant orange scarlet, with bright red markings. Bronze leaved. 5 feet.

YELLOW KING HUM-BERT. Golden-yellow, dotted red. Green foliage. 4 feet.

PRESIDENT. Easily the best red canna. Immense flowers of rich, intense scarlet. Green foliage. 4 feet.

true pink canna. Large flower trusses; green foliage.  $3\frac{1}{2}$  feet.

WINTZER'S COLOSSAL. Largest flowering canna. Vivid, blazing scarlet. Green foliage. 5 feet. 31



# TARden

#### ACME SPRAYING MATERIALS



#### Acme Rotenone Garden Guard

A safe insecticide dust, which contains no orsenic or fluorine compound. The killing ingredient is Rotenone —non-injurious to humons and warm-blooded animals —non-injurious to humons and warm-blooded animals yet effective both by contact and as a stomach poisson ogoinst insects. Especially recommended for use on broccoli, cabbage, cauliflower, Brussels sprouts, string beans, currants, and sweet corn. A fovorite of the housewife for dusting roses and flower gardens. Controls lice, fleos, and mites on dogs, cots, birds, and chickens. I lb. sifter carton 35c; 4 lb. 75c; 25 lb. \$3.25; 100 lb. \$12.50.



#### Acme Kopper Queen

(Mildew Spray)

A strong liquid copper sproy for the control of mildew, leaf spot, and black spot on rose bushes, flowers, and mony other kinds of folioge. Stainless, leoves no unsightly residue to detroct from due to detroct from oppearance of flowers

and ornamentals. Use os o liquid sproy replacing Bordeoux Mixture and Sulphur. 1/2 Pint, 35c; Pint, 55c; Quart, 90c; Gollon, \$2.25; 5 Gallons, \$7.50.



#### Acme Wettable Dusting Sulphur

(An Excellent Chigger Chaser)

An improved dusting sulphur for home use which can also be used os a liquid sproy. Recommended to control mildew, leaf spot, block mildew, leaf spot, block spot and rust on rose bushes, chrysanthemums, snapdrogons, cornations, and certain other foliage; also red through 325 mesh screen. 2 pound corton, 25c each.



#### Acme Emo-Nik

Most yards contoin foliage that is more offected by Scale, Red Spider, and certain other troublesome pests than by Aphis. Here is o complete contoct

is o complete contoct insect spray combining nicotine in its most active form with Emo, o high quality summer oil emulsion. Recommended for control of Aphis, Meoly Bugs, Red Spider, Thrip, White Flies, Rust Mites, Mildew, certain scole insects and other garden pests. 41/2 oz. 35c; Pint, 65c; Quart, 95c; Gollon, \$2.50.



#### Acme Weed Killer

powerful quick-act-A powerful quick-acting orsenical weed killer for destroying weeds ond oll plont life on drivewoys, tennis courts, paths, etc. More widely used, however, in spotting out dondelion, plontain and other noxibus weeds in the laws. plontain and other noxious weeds in the lawn by applying o few drops of undiluted Weed Killer to the crown of the plant, using a regular weed cone or a squirt-bottom oil can. Pint, 30c; Quort, 50c; Gallon, \$1.50.



#### Acme Bait-M

An effective insecticide bait which will throw o ring of protection around shrubs, flowers and plonts in garden and lown. For use against snoiss, slugs, against snoils, slugs, cutworms, earwigs, sow bugs, grasshoppers and mony other insects which migrate olong the ground. 1½ 1b. 35c; 4 lb. 85c; 15 lb. \$2.75.

#### Acme Aphis Spray

An improved nicotine spray combining a soft sproy soap with Block Leaf 40, suitable for the control of oll kinds of aphis (plont lice), thrip, leof hopper and mony more hordy insects infesting rose bushes, flowers, shrubs, vines, bushes ond trees. Mixes easily with ony kind of water. Complete directions with every package. 3 oz. collapsible tube, 35c; 12 oz. con, 95c; 2½ lb. con, \$2.25.



#### INSECTICIDES AND FUNGICIDES

ARSENATE OF LEAD - Gives quick action in killing leaf-eating insects. It is safe to use an tender faliage, and sticks well ta

BORDEAUX MIXTURE—A standard dry powdered fungicide far curing and preventing black rat, mildew, blight and ather fungaus diseases.

DRY LIME SULPHUR (Pawder) —For darmant spraying of fruit trees, shade trees and bushes far scale, etc.

CALCIUM ARSENATE (Dry)-Far chewing insects.

NAPTHALENE FLAKES -- Used far repelling sail pests such as wire warms, maggats, males and certain ather insects. Protects bulbs against thrips and white fly.

PARADICHLORBENZENE -Cames in crystals to be applied

around the base of trees to destray barers.

PARIS GREEN—A poisanaus insecticide in pawder form. Gives quick cantrol where extreme measures are necessary.

TOBACCO DUST - Kills aphis and flea beetles.

ACME RED RIVER POTATO MIX (Special Formula for Patataes only). A scientific development combining a new patented capper fungicide with quick-killing arsenic. Kills patata bugs quicker, drives aff flea beetle and leafhapper, prevents blight fram gaining a faothald, stimulates foliage, making mare and better patatoes. Complete cantral in ane aperatian—at ane cast. Use as a dust ar spray. I lb. bag, 30c: 4 lb. bag, 80c.

FISH OIL SOAP—Used as a wash during the summer ta prevent spread af scale. Destrays sucking insects and plant lice.

GRAFTING WAX - Used for grafting. Also goad to rub aver wounds made an bark, ar in



Ta pratect evergreens and keep dags away, just hang an apened tube af Dawg-Gane (apening down) in the lawer branches af trees at the paints of approach. (Not necessary ta place tube in every tree unless standing alane.) The odar slawly emanating fram the apen tube will keep dags at a distance. Replaces unsightly wire screen or mechanical contrivances. Tubes, 25c each.

#### A "Rogue's Gallery" of Garden Pests





Rose Chafer



Leaf Hopper



Mealy Bugs

Potato Flea

Sow Bug





White Flies

Rose Midge

Slug









Cutworms

Thrip

Codling Moth Tomato Worm Rose Aphis Potato Blight Illustrations by Courtesy of Acme

#### Complete Spraying Guide-Chart FREE

The portraits of garden enemies, above, will help you to identify many of the pests you find in your garden. For further help in recognizing them and knowing how to combat them, use the famous ACME SPRAY GUIDE—

the "gardener's doctor book." This big handy chart brings you all the information you need to win your battles with garden pests. You may have a copy, free, at any time, by writing, phoning, or calling at our store.



#### First, good seed! then, the right equipment!

You can catch fish with a piece of string and a bent pin. And you can also do your gardening with nothing but a spade, a hoe, and a rake.

But if it's results you're after . . . and if you want to have some fun while you're at it, then you'll need some of the time-and-labor savers that we have here, ready and waiting for you.

Our line-up of equipment items is not only complete, but highly dependable - every one designed and built by a manufacturer who has earned the confidence of experienced gardeners.

Remember, it's a regular part of our job to lighten the labor load for our customers . . . to help them in every way we can.

We invite your questions.											
			VEGE	TABL	E GROWE	R'S	GIIIDI	-			
i.	VARIETY	Seed to Provide Fo Fomily of	r Row Per	Amount Seed Pe	of Approximate Yield Per	Plon	ting   Dist	Distonce Between		Approximote	
	Asparagus	1 07	10-20	100 Fee	20 Ft. of Row	Outd (Incl	loors Plonts in R nes) (Inches	Rows (Inche	Time To		
	Beans, bush lim	- 1-11151		1/2 16.	4 qts.	6-	10	36-4			
	Beans, pole lime	1	10-15	½ lb.	7 013.	1-1	_ 1 0-0	18-24	2-3 y15.	lave	
	Beets, early	3 qts. 3 ozs.	20-25	½ lb.	8 ats.	1-9	_   30-40	36	80-120	"	
Н	Beets, late	3 ozs.	15-25	2 ozs	5 doz. roots	1/2-3		18-24	40-65	ш	
и			15-25	2 ozs	5 doz. roots	1/2-3		12-18	10-73	ш	
1	Broccoli		10-15	1 -1.			1-3	12-18	45-80	"	
и	Brussels Sprouts	1 pkt.	10-15	1 pkt 1 pkt	20 iicads	1/2	18	24-30	00.100	ш	
и	Cabbage, early		10-20	1 pkt	7 = 913.	1/2		24-30	70-120	"	
П	Cabbage, late.		10-25	1 pkt	, o neads	1/2	•	24-30	100-120	u	
л	3411013	$\frac{1}{2}$ oz.	25-75	½ oz.	5 doz. roots	1/2	12-18	24-30		"	
П	Cauliflower		1015			1/2	1-3	12-18	65-80	"	
ш	Celery		10-15	1 pkt.	o io io negas	1/2-3/	18	04.00			
П	Cucumber	. 1 pkt.	10-25	1 pkt.	2 doz. sidiks	1/4	6	24-30 18-24	1 . 0 0 1 70	"	
			1.0-25	$\frac{1}{2}$ oz.	20 to 30 pickle	s 1	12-18	48	1201130	"	
	Eggplant		5-10	1 pkt.	20 1 40 ( )		(hills 48)	)   40	60-90	"	
	Endive	1 pkt.	5-10	1 pkt.	30 to 40 fruits	1/2	24	24	140-160 "	u l	
	Kale				30 to 40 plants	1/2	12	12-18			
	Lettuce	1 11	5-15	1 pkt.	20 plants	1/					
	Muskmelon	2 ozs. 1 pkt.	10-15	1 pkt.	20 heads	$\begin{array}{c c} \frac{1}{2} \\ \frac{1}{2} \end{array}$	12	18-24	60-90 "	6	
			15-25	$\frac{1}{2}$ oz.	30 fruits	1	8-12 12-18	12-18	50-90 "	•	
	Onion	3 pkts.	15-20	0.11			(hills 48)	48-60	100-150 "		
	Peas	3 lbs.	25-50	2 lbs. 1 lb.	10-20 lbs. per row	1/8	(**************************************	18			
	D			1 10.	10-20 qts. of pods	1-2	1-2	18-30	50-90 "		
	Pepper		5-15	1 pkt.	10 doz. peppers				30-90		
	Pumpkin	15 lbs.	25-75	5-10 lbs.	10 to 15 lbs.	1/2	18	18-24	120-150 "		
		1 pkt.	15-25	$\frac{1}{2}$ oz.	5 to 10 fruits	3-5	9-12	24-30	80-120 "		
F	Radish	3 ozs.	5-10				24-36 (hills 48)	72-96	75-140 "		
F	Chubarb.	023.	5-10	1 oz.	10 to 15 doz.	1/2	1-2	12-18	24.4-		
			3-10		6 doz. stalks	2-3	24-36	36-48	26-65 "		
5	pinach	1 oz.	20-50	1 oz.	FO 4 - 40 - 1			30-40	1 yr.		
3	quash, summer.	1 pkt.	5-10	$\frac{1}{2}$ oz.	50 to 60 plants 2 doz. fruits,	1	4-8	12-18	40-60 days		
S	weet Corn	1 1.		. 2 = .	bush variety	1	18-24	60-72	60-80 "		
		1 pkt. early	25-100	1-2 oz.	40 ears	1	(hills 60)				
		and 1 at. of others.					9-12	24-30	60-100 "		
_	1	5111013,									
Si	viss Chard	½ oz.	5-10	1 oz.	20. 1						
T.	omato		25-50	1 02. 1 pkt.	20 plants	1/2-3/4	6-12	18-24	50-60 "		
W	rnip	½ oz.	25-50	1 pkt.	15-20 lbs. per plant 60 to 80 roots	24-48	24-48		100-150 "		
- 1	Greinieron ,	1 pkt.	10-15	1 oz.	00 10 00 10015	1/2	4-8	12-18	45-70 "	22	
						1	24-36 (hills 72)	72-96	100-140 "	33	
							(hills /2)	i			

#### Who wants to play Cave-man?

If you have a garden just for the sake of the exercise you get out of it, this won't interest you.

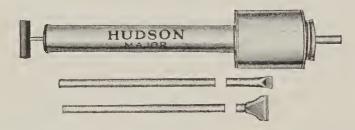
But if it's results you're after—if you want better flowers and better crops with less labor, then consider-

Most of the garden tools now being used by home gardeners are about as out-of-date as the plows made of deer antlers and the spades made from great animals' shoulder blades which the cavemen used.

You may not have noticed it—but garden tool design has moved ahead almost unbelievably in the last decade. Some of our recently developed garden tools let you do as much in one hour as you formerly did in five! Others make play out of jobs that have always been back-breakers. Hoeing, cultivating, weeding have been streamlined and speeded up amazingly.

The next time you get into your tool shed, or garage, or wherever you keep your garden tools, look them over! Try to remember how long it has been since you first brought them home. And then—if you want a real thrill come into our store and see what the modern tool designers have done for you.

When we say we can cut your "hard labor" time in half, we're being conservative. Ask us to prove it!



HUDSON MAJOR DUSTER (Improved) — For use with Paris Green, Arsenate af Lead, Calcium Arsenate and similar poisans. Heavy tin pump, 13/4 x 13 inches. Powder reservoir, 4 inches in

diameter, 41/2 inches in length, fitted with air valve to prevent powder entering pump. Large filler cap. Equipped with twa 12 inch extension tubes and two tips one nature one wide tips, one narraw, one wide.

#### EX Soil-F America's Modern Garden

#### GARDEX CULTIVATOR WITH WEEDER

WEEDER

1523. Cultivate and weed with one toal—the 3-prang Cultivatar loasens soil thoroughly, while the weeding blade cuts aft all weeds quickly. Light and handy—for light and medium sail. Complete with 4½ ft. GARDEX handle. 3 prongs, 4-1/3" wide; blade 4" wide ......\$1.20

254. Rake covers seeded raws, raller presses dawn the sail ta give the seed closer contact with the sail far quicker germination. Handy for ralling lawn seed inta soil. Roller detachable. Complete with 5 ft. GARD-EX handle. 10" wide, 10 teeth, roller diometer 23/4" .....\$2.20

GARDEX ROLLER RAKE

#### **GARDEX CULTIVATOR**

1553. With the new GARDEX patented Diamond Point GARDEX Use tool instead of the old chopping hoe for five times fast-



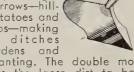
#### GARDEX SOIL-AIR CONDITIONER

171. With the new patented Diamond Paint 171. With the new patented Diamond Paint Share. Loosens and breaks up hard, baked and crusty sail. Laosens and air canditians subsail making plant food available. 1-3/8" wide. Complete with 41/2 ft. GARDEX handle .......................\$0.85



#### **GARDEX HAND PLOW**

2006. For opening furrows before planting—covering furrows—hilling corn, potatoes and similar craps—making irrigation ditches



around gardens and for bulb planting. The double mold board throws the laose dirt to both sides af the furrow. Complete with 5 ft. GARDEX handle. 6" wide..\$1.75

#### HOLDS 9 HANDY MIDGET TOOLS

**GARDEX PULL HOE WEEDER** 

#### **GARDEX TURF EDGER**

400. Edges a thousand running feet an hour, cutting clean vertically ond horizontally in operation—alang one operation—along sidewalks, driveways, flawer beds, around trees. Push along in shart strokes. Complete with 4½ ft. GARDEX handle .....\$1.30

#### GARDEX MIDGET TOOL RACK

952. Select tools created especially for the very small garden, and those small carners. Wood rock 20'' wide, painted green, complete with tools



From left to right — Hollow Planter, Cuiti - Hoe, Cultivator, Culti - Spade, Weeder, Hand Broom, One - Prong Cultivator, Culti - Weeder, Dibble



Leader Sprayer Nu-Ez Funnel Top



Climax Sprayer 31/2 Gallon Ópen Top

#### COMPRESSED AIR SPRAYERS

HUDSON LEADER—Nu-Eez Funnel Top. 31/2 gallon sprayer with Saf-T-Kam lock and funnel tap. Large capacity and high pressure adapt it for all wark.  $71/8 \times 20$  inch tank;  $13/4 \times 14$  inch pump; 24 inch high pressure spray hase.

HUDSON CLIMAX—3½ Gallon, Open-Top. Embodies strength, safety, ease of aperation and accessibility. Adapted for all classes af spray work, with any insecticide, whitewash, etc. Capacity 3½ gallons, 7¼ x 20 inch tank; 1¾ x 14 inch pump, 24 inch high pressure cpray hose.

HUDSON PERFECTION-4 Gallon, Open-Top. Big 6 inch opening insures easy filling, emptying ar cleansing. Drains completely dry. Unusually large capacity and high pressure adapt it far any job. Capacity full 4 gallans; 7½ x 21 inch tank; 1½ x 15½ inch pump; 27 inch high pressure spray hose.

These 3 fine sprayers all have galvanized steel tank, all seams riveted and heavily soldered. Top and bottom beading for additional strength.

Pump seamless brass tubing, seals into tank by means of 4 steel locking fingers cantrolled by malleable "D" handle. Impossible to remove pump before pressure is exhausted, yet quickly and easily locked or released.

Perfection automatic shut-aff valve locks open for continuous spraying; 21 inch brass extension rod, all brass spray nozzle.



Perfection Sprayer 4 Gallon-Open Top

#### FERTILIZERS



How to buy Fertilizers

A stondard gorden encyclopedia offers this excellent advice:

"In buying fertilizers the gordener will do well to follow the proctice of the most successful commercial growers, namely, to confine his selection to stondard bronds that have given satisfoctory results over o long period of years, and to make his final choice upon the bosis of the octual cost of the plant-food ingredients contoined rather than the prices of the mixtures as o whole. Some mixtures which cost more than others ore octually more economical than others that cost less, when the cantents of each are calculated on the basis of octual fertilizing ingredients."

\*HORMODIN\*

Hormodin is the new root-forming chemical which simplifies the rooting of cuttings for amateur and professional gardeners.

The Hormodin treatment is simple and eco-

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NOT TREATED

phoric ocid. Recommended for

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proved Potosh, once ogoin avoiloble, and should be used liberolly, especially for oll root crops.

ALUMINUM SUL-

SULPHATE OF POTASH

tive fertilizer. Excellent for lowns, gordens and general use. A perfect-

VIGORO - Far lowns, flowers, vegetobles, shrubs, trees. Eosy to use, and produces amozing results. Contoins all eleven of the vital food elements plonts require

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MURIATE OF POTASH - Im-/IGORO

from the soil. Economical; only 4 pounds per 100 square feet

#### A new aid to root-growth on your cuttings.

ore required.

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But now there is a morvelous new scientific root-forming chemical available that eliminates all this uncertainty.

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